

May 25, 2021

VIA EMAIL

Ms. Lisa Graczyk
U.S. Environmental Protection Agency
77 West Jackson Blvd.
Chicago, IL 60604

**RE: Quarterly Monitoring Report
April 2021 Sampling Event
CECOS International, Inc.
Aber Road Facility, Williamsburg, Ohio
EPA I.D. # OHD-087-433-744**

Dear Ms. Graczyk:

Please find the attached Quarterly Monitoring Report for the April 2021 sampling event completed at CECOS International, Inc.'s (CECOS) Aber Road facility. The report was prepared by Eagon & Associates, Inc. on behalf of CECOS and contains a discussion of the April 2021 sampling results for Toxic Substances Control Act (TSCA) parameters collected from the surface water points, leak detectors, and underdrains. Included in the report are results from limited supplemental sampling performed in May 2021 in response to shipping delays and subsequent holding time exceedances for several samples submitted to the laboratory in April. It is noted that there were two suspect, low-level detections of 1,2-dibromoethane (EDB) in underdrain samples U-19 and U-23 located outside the slurry wall during the event. Those detections are believed to be the result of laboratory error or field or laboratory cross-contamination and will be further investigated during the routine quarterly monitoring event scheduled for July 2021.

Hardcopies of any items in the report are available upon request. Please contact me at (513) 724-6114 if you have any questions regarding this correspondence.

Sincerely,
CECOS International, Inc.

Andrew Thompson
Environmental Manager

Attachment

cc: Todd Gmitro, US EPA Region 5
Tim Hull, Ohio EPA SWDO
Hannah Lubbers, Director – OEQ, Clermont County
Joe Montello, Republic Services, Inc.
Michael Gibson, Eagon & Associates, Inc.
File: B.1

QUARTERLY MONITORING REPORT

APRIL 2021 SAMPLING EVENT

Prepared for:

CECOS International, Inc.
Aber Road Facility
Williamsburg, Ohio

EPA I.D. OHD 087 433 744

Prepared by:

Eagon & Associates, Inc.
Worthington, Ohio

May 2021

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- Appendix A. Laboratory Analytical Report, Field Information Forms, and Chain-of-Custody Records – April 2021 Quarterly Monitoring Event
- Appendix B. Laboratory Analytical Report, Field Information Forms, and Chain-of-Custody Records – May 2021 Supplemental Sampling Event

1.0 INTRODUCTION

On behalf of the CECOS International, Inc. Aber Road Facility, Eagon & Associates, Inc. (Eagon) has prepared this Quarterly Monitoring Report for the April 2021 surface water, leak detector, and underdrain sampling results. Samples for the Site's US EPA Toxic Substances Control Act (TSCA) parameters were collected by Eagon and laboratory analyses were performed by Eurofins TestAmerica, Inc. of Amherst, New York. The April 2021 quarterly monitoring sampling event was performed April 5, 6, and 7, 2021. The event included sampling of the leak detectors, underdrains, and surface water monitoring locations at the Aber Road Facility. As the result of a shipping delay and internal miscommunication at the laboratory, several samples for volatile organic compounds (VOCs) were not analyzed within method holding times and were discarded. The affected samples were from underdrain locations U-3, U-5, and U-6, and surface water locations C-2, C-6, C-9, C-10, and C-12. Therefore, supplemental sampling for VOCs was completed at those locations on May 12, 2021.

TSCA monitoring requirements were established with US EPA's July 31, 1981 approval to dispose polychlorinated biphenyls (PCBs) in planned Secure Chemical Management Facilities (SCMFs) 6 through 17 (SCMFs 11 through 17 were never constructed) and, after negotiated revisions, were originally outlined in the March 13, 1984 document entitled "TSCA Monitoring Program." The original TSCA monitoring approach included monitoring of the leak detectors, underdrains and surface water (LD/UD/SW), as well as a site-wide TSCA-specific groundwater monitoring component that focused on both the pre-RCRA units and the RCRA regulated units at the Site. The LD/UD/SW component continues within that framework on a quarterly basis and the results for the most recent monitoring event are presented in this report.

With the later development of tailored, regulatory-program specific groundwater monitoring programs for the pre-RCRA and RCRA areas, the site-wide TSCA groundwater monitoring component was transitioned to and captured within those programs. The RCRA Detection Monitoring Program (DMP) for groundwater was originally proposed in 1989, was fully implemented by 1994, and applies to the RCRA regulated units located outside of the Corrective Measures Implementation (CMI) slurry wall. The current groundwater DMP is specified in the

Detection Monitoring Plan which is part of the March 2017 RCRA Post-Closure Plan approved by Ohio EPA. The CMI post-construction groundwater monitoring program applies to the pre-RCRA areas and SCMFs 3 and 4/5 and was implemented in 1998 according to the monitoring approach outlined in the August 1996 Quality Assurance Project Plan and the March 1998 and November 1998 revisions to the CMI O&M Manual. The DMP is managed by Ohio EPA, whereas the facility's CMI program is managed by US EPA. The DMP and CMI groundwater monitoring programs fulfill the facility's TSCA groundwater monitoring obligations via the sampling and analysis for PCBs and total organic carbon (TOC), in addition to volatile organic compounds (VOCs) specific to the DMP and CMI programs. All groundwater monitoring results collected semiannually as part of the DMP and CMI programs are reported separately to Ohio EPA and US EPA's RCRA division and are not presented herein.

2.0 SURFACE WATER SAMPLING

Pleasant Run Creek is west of the Site and generally flows south, then bears southeastward downstream toward its confluence with the East Fork of the Little Miami River located approximately two miles from the Aber Road facility. The East Branch of Pleasant Run Creek is south and east of the Site and flows southwest toward its confluence with Pleasant Run Creek at the southwestern corner of the Site (Figure 1). Surface water samples are collected on a quarterly basis at five designated sampling stations: C-2, C-6, C-9, C-10, and C-12. Locations C-2, C-6, C-9, and C-10 are located on Pleasant Run Creek (Figure 1). Location C-12 is on the East Branch of Pleasant Run Creek slightly upstream of the confluence. C-9 is the upstream/background location. C-6 is downstream of the confluence and the most downstream surface-water monitoring point.

To collect the surface water samples, the samplers position themselves downstream from each stream sample station in as near to the middle of the stream channel as possible. Pre-cleaned sample containers are then partially inverted and slowly submerged into the water. The container is then slowly rotated upright until filled and is then removed from the stream and capped. This procedure is continued until all containers are filled. Stream locations are sampled from downstream to upstream to prevent potential impacts on sample integrity or representativeness that

could result from entering the stream upstream of a sampling point (e.g., by suspending sediment). As discussed above, samples are not collected when there is no discernible stream flow at the respective sample location.

All five stream monitoring locations were flowing during the April event and were sampled for VOCs, PCBs, and TOC. All five locations were also flowing during the May 2021 supplemental sampling event (VOCs only).

3.0 LEAK DETECTOR SAMPLING

Leak detection systems are installed between the primary and secondary liners of SCMFs 9 and 10. These systems provide additional means to aid in the detection of contaminants in the event there is a release through the primary liner from these regulated units. Liquid within the leak detectors is collected by pumping from the riser pipes connected to the leak detection systems. The riser pipes provide access to the hydraulically interconnected components of the leak detection systems for a given cell and are identified as LD-1 and LD-2 for SCMF 9, and LD-3 and LD-4 for SCMF 10 (Figure 1).

Each leak detector riser is evacuated with a dedicated electric submersible pump. The leak detectors are purged dry or until approximately 200 gallons of water have been purged, whichever occurs first. Purge water is contained and transferred to the Site's leachate collection system. Samples are collected immediately following purging unless the location purges dry. In that case, sufficient time is allowed for recovery and the sample is then collected; typically, during the same day and no more than 24 hours after purging is completed.

The leak detectors were sampled for VOCs, PCBs, and TOC during the April 2021 quarterly monitoring event. No leak detectors were sampled during the supplemental event in May 2021.

4.0 UNDERDRAIN SAMPLING

SCMFs 3 through 10 were constructed with underdrain dewatering systems that were operated to facilitate construction of the units. The underdrains lie below the liner systems and are in contact with natural geologic materials. The underdrains are now sampled as part of the quarterly monitoring program for the facility. The design and construction details vary between each SCMF and are documented in Section 1.2 of the RCRA Facility Closure Plan. Underdrain riser locations are shown on Figure 1 herein.

Underdrains are evacuated in a manner similar to the leak detectors using dedicated electric submersible pumps. Each underdrain is purged until approximately 200 gallons of water have been evacuated. Purge water is contained and transferred to the Site's leachate collection system. Underdrain samples are collected immediately following purging.

The underdrains were sampled for VOCs, TOC, and PCBs during the April 2021 quarterly monitoring event. Supplemental sampling for VOCs at underdrains U-3, U-5, and U-6 was completed during the May 2021 sampling event. Underdrain U-9 is permanently inoperable and was not sampled during the event. U-9 is located beneath SCMF 4/5, within the Corrective Measures Implementation (CMI) area slurry wall (Figure 1). Underdrains U-10, U-11, and U-12 are also located beneath SCMF 4/5 and continue to be sampled on a quarterly basis.

5.0 ANALYTICAL RESULTS

There were no detections of VOCs in the surface water samples. In addition, there were no detections of VOCs in samples from the leak detectors or underdrains located outside of the CMI area during the April 2021 event, with the exception of anomalous, low-level detections of 1,2-dibromoethane (syn. ethylene dibromide or EDB) reported for underdrains U-19 (0.012 ug/L) and U-23 (0.018 ug/L). The analytical method detects down to parts per trillion levels and the reported concentrations were well below the maximum contaminant level of 0.05 ug/L for EDB. The concentrations were also only nominally above the laboratory practical quantitation limits of 0.010 (U-19) and 0.011 (U-23) and the method detection limits of 0.0075 (U-19) and 0.0076

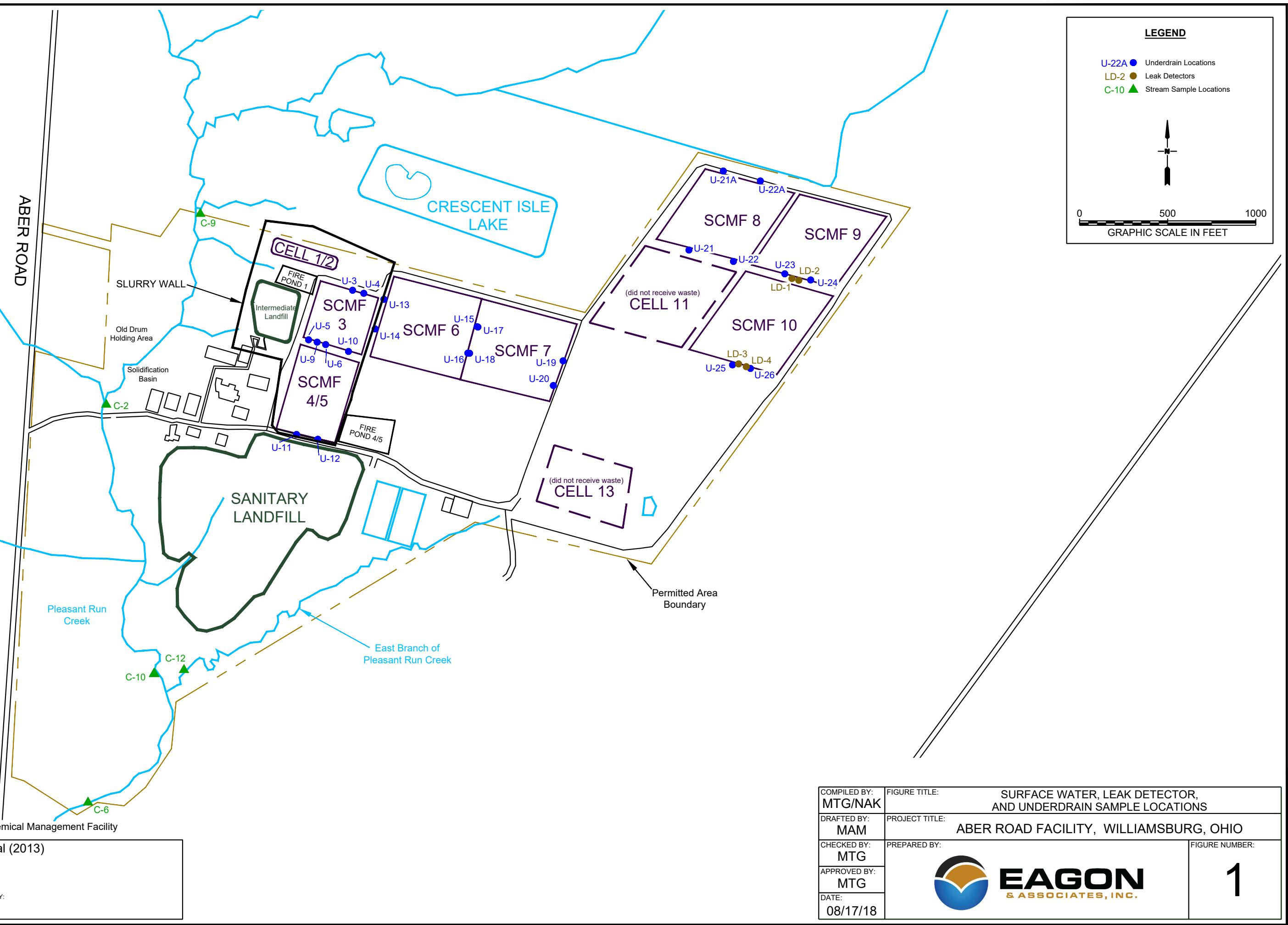
(U-23). Underdrains U-19 and U-23 are beneath SCMF-7 and SCMF-9, respectively, located in different parts of the Site (Figure 1). The reported low-level detections are considered suspect and are believed to be the result of laboratory error or field or laboratory cross-contamination. 1,2-dibromoethane is analyzed using Method 8011 and the laboratory has reported false-positive Method 8011 detections for Site samples in a few instances in the past. Nonetheless, the anomalous detections of 1,2-dibromoethane will be further investigated during the third quarter 2021 routine TSCA monitoring event scheduled for July 2021. The routine July event will be considered a verification event to confirm or deny the presence of this compound at U-19 and U-23.

VOC detections in the April 2021 and supplemental May 2021 underdrain samples are summarized in Table 1. Underdrains U-3, U-4, U-5, U-6, and U-12, which are located beneath units contained within the slurry wall, exhibited quantified VOC detections of constituents that are commonly detected at those locations. Concentrations of those VOCs observed during the event were within the range of concentrations observed during previous monitoring events.

There were no detections of PCBs in any of the surface water, leak detector or underdrain samples collected during the event, which is consistent with past events.

The analytical results from the April 2021 quarterly monitoring event and May 2021 supplemental event, including field information logs and chain-of-custody records, are presented herein in Appendices A and B, respectively.

FIGURES



TABLES

TABLE 1.
VOC DETECTIONS IN UNDERDRAINS
APRIL 2021 QUARTERLY MONITORING EVENT
CECOS INTERNATIONAL, INC. - ABER ROAD FACILITY

Location	Detected Constituent ²	Concentration (ug/L)
U-3 ¹	1,1-Dichloroethane	23*
	1,2-Dichloroethene (Total)	22*
	Vinyl Chloride	1.5*
U-4 ¹	1,1-Dichloroethane	7.0
	1,2-Dichloroethene (Total)	31
	Vinyl Chloride	2.2
Dup TSCA #3 (U-4) ¹	1,1-Dichloroethane	7.2
	1,2-Dichloroethene (Total)	32
	Vinyl Chloride	2.1
U-5 ¹	1,1-Dichloroethane	6.4*
	1,2-Dichloroethene (Total)	18*
U-6 ¹	1,1-Dichloroethane	18*
	1,2-Dichloroethene (Total)	13*
U-12 ¹	1,2-Dichloroethene (Total)	10
	Vinyl Chloride	1.9
U-19	1,2-Dibromoethane	0.012
U-23	1,2-Dibromoethane	0.018

Notes:

¹ Underdrain located beneath units contained within the CMI area slurry wall

² Constituents reported by the laboratory as estimated concentrations ("J") below the practical quantitation limit are not shown, if applicable

* Samples collected on May 12, 2021

APPENDIX A.

**LABORATORY ANALYTICAL REPORT, FIELD
INFORMATION FORMS, AND
CHAIN-OF-CUSTODY RECORDS
APRIL 2021 QUARTERLY MONITORING EVENT**



eurofins

Environment Testing
America



ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-183175-1

Client Project/Site: Aber Rd. Landfill - TSCA Quarterly

For:

Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

Attn: Mr. Andrew Thompson

Authorized for release by:

5/4/2021 4:35:39 PM

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Manager of Project Management
5/4/2021 4:35:39 PM

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Definitions/Glossary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Job ID: 480-183175-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-183175-1**

Comments

No additional comments.

Receipt

The samples were received on 4/8/2021 8:00 AM, 4/9/2021 10:00 AM and 4/12/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 2.1° C, 2.3° C, 2.4° C, 2.8° C, 3.0° C, 12.9° C and 19.8° C.

Receipt Exceptions

DUE TO FEDEX SHIPPING DELAY THE FOLLOWING SAMPLES WERE NOT RECEIVED AT LAB UNTIL 4/12.

U-6 (480-183295-1), U-6 (480-183295-1[MS]), U-6 (480-183295-1[MSD]), U-5 (480-183295-2) and U-3 (480-183295-3)

The following samples were received at the laboratory outside the required temperature criteria: U-6 (480-183295-1), U-6 (480-183295-1[MS]), U-6 (480-183295-1[MSD]), U-5 (480-183295-2) and U-3 (480-183295-3).

8260 METHOD PLACED ON HOLD PER PM INSTRUCTION.

U-6 (480-183295-1), U-6 (480-183295-1[MS]), U-6 (480-183295-1[MSD]), U-5 (480-183295-2) and U-3 (480-183295-3)

DUE TO FEDEX SHIPPING DELAY THE FOLLOWING SAMPLES WERE NOT RECEIVED AT LAB UNTIL 4/9.

C-2 (480-183293-1), C-10 (480-183293-2), C-12 (480-183293-3), C-6 (480-183293-4) and C-9 (480-183293-5)

The following samples were received at the laboratory outside the required temperature criteria: C-2 (480-183293-1), C-10 (480-183293-2), C-12 (480-183293-3), C-6 (480-183293-4) and C-9 (480-183293-5).

8260 METHOD PLACED ON HOLD PER PM INSTRUCTION.

C-2 (480-183293-1), C-10 (480-183293-2), C-12 (480-183293-3), C-6 (480-183293-4) and C-9 (480-183293-5)

COC LISTED DISSOLVED METALS VIA 6010, 6020, 7470. HOWEVER, LAB DID NOT RECEIVE VOLUME FOR THIS METHOD. METHODS WERE NOT ASSIGNED PENDING CLIENT/ PM RESOLUTION.

C-2 (480-183293-1), C-10 (480-183293-2), C-12 (480-183293-3), C-6 (480-183293-4) and C-9 (480-183293-5)

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-576027 recovered above the upper control limit for Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: LD-1 (480-183175-1) and LD-2 (480-183175-2).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-576027 recovered outside acceptance criteria, low biased, for Methacrylonitrile and Methyl methacrylate. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-576027 recovered outside control limits for the following analytes: Pentachloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with batch 576027. The following samples were affected : LD-1 (480-183175-1) and LD-2 (480-183175-2).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-576094 recovered above the upper control limit for Pentachloroethane and Propionitrile. The samples associated with this CCV were non-detects for the affected analytes; therefore, the

Case Narrative

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

data have been reported. The associated samples are impacted: U-15 (480-183178-15), U-17 (480-183178-16), U-13 (480-183178-17), DUP TSCA #2 (480-183178-18), U-10 (480-183178-19), U-11 (480-183178-20), U-12 (480-183178-21), U-4 (480-183178-22), DUP TSCA 3 (480-183178-23), FIELD BLANK TSCA (480-183178-24) and TRIP BLANK (480-183178-25).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-576094 recovered outside control limits for the following analytes: Bromoform and Chlorodibromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are: U-15 (480-183178-15), U-17 (480-183178-16), U-13 (480-183178-17), DUP TSCA #2 (480-183178-18), U-10 (480-183178-19), U-11 (480-183178-20), U-12 (480-183178-21), U-4 (480-183178-22), DUP TSCA 3 (480-183178-23), FIELD BLANK TSCA (480-183178-24) and TRIP BLANK (480-183178-25).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-576090 recovered outside acceptance criteria, low biased, for Tetrahydrofuran and 1,2-Dichloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-576090 recovered above the upper control limit for Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: LD-4 (480-183175-3), LD-3 (480-183175-4), U-14 (480-183178-1), U-19 (480-183178-2), U-20 (480-183178-3), U-25 (480-183178-4), U-26 (480-183178-5), DUP TSCA 1 (480-183178-6), U-21 (480-183178-7), U-21A (480-183178-8), U-22 (480-183178-9), U-22A (480-183178-10), U-23 (480-183178-11), U-24 (480-183178-12), U-16 (480-183178-13) and U-18 (480-183178-14).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-577049/57) that had recoveries for the surrogate Decachlorobiphenyl that were above acceptance limits: U-14 (480-183178-1), U-19 (480-183178-2), U-20 (480-183178-3), U-25 (480-183178-4), U-26 (480-183178-5), DUP TSCA 1 (480-183178-6), U-21 (480-183178-7), U-21A (480-183178-8), U-22 (480-183178-9), U-22A (480-183178-10), U-23 (480-183178-11), U-24 (480-183178-12), U-16 (480-183178-13), U-17 (480-183178-16) and U-13 (480-183178-17). The secondary surrogate Tetrachloro-m-xylene is within limits. Therefore, the data has been reported.

Method 8082A: Surrogate recovery for the following samples were outside the upper control limit: U-14 (480-183178-1), U-19 (480-183178-2), U-20 (480-183178-3), U-25 (480-183178-4), U-26 (480-183178-5), DUP TSCA 1 (480-183178-6), U-21 (480-183178-7), U-21A (480-183178-8), U-22 (480-183178-9), U-22A (480-183178-10), U-24 (480-183178-12), U-16 (480-183178-13), U-17 (480-183178-16) and U-13 (480-183178-17). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: Surrogate recovery for the following samples were outside the upper control limit: U-12 (480-183178-21) and DUP TSCA 3 (480-183178-23). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-577479/57) that had recoveries for the surrogate Tetrachloro-m-xylene that were above acceptance limits: U-10 (480-183178-19), U-12 (480-183178-21) and DUP TSCA 3 (480-183178-23). The secondary surrogate Decachlorobiphenyl is within limits; therefore, the data has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: LD-1

Date Collected: 04/05/21 17:15

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L		04/13/21 04:37		1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L		04/13/21 04:37		1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L		04/13/21 04:37		1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L		04/13/21 04:37		1
1,1-Dichloroethane	ND		2.0	0.38	ug/L		04/13/21 04:37		1
1,1-Dichloroethene	ND		2.0	0.29	ug/L		04/13/21 04:37		1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L		04/13/21 04:37		1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L		04/13/21 04:37		1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L		04/13/21 04:37		1
1,2-Dichloroethane	ND		2.0	0.21	ug/L		04/13/21 04:37		1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L		04/13/21 04:37		1
1,2-Dichloropropane	ND		2.0	0.72	ug/L		04/13/21 04:37		1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L		04/13/21 04:37		1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L		04/13/21 04:37		1
1,4-Dioxane	ND		40	9.3	ug/L		04/13/21 04:37		1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L		04/13/21 04:37		1
2-Hexanone	ND		10	1.2	ug/L		04/13/21 04:37		1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L		04/13/21 04:37		1
Acetone	ND		10	3.0	ug/L		04/13/21 04:37		1
Acetonitrile	ND		170	4.9	ug/L		04/13/21 04:37		1
Acrolein	ND		20	0.91	ug/L		04/13/21 04:37		1
Acrylonitrile	ND		20	0.83	ug/L		04/13/21 04:37		1
Allyl chloride	ND		2.0	0.44	ug/L		04/13/21 04:37		1
Benzene	ND		2.0	0.41	ug/L		04/13/21 04:37		1
Bromodichloromethane	ND		2.0	0.39	ug/L		04/13/21 04:37		1
Bromoform	ND		2.0	0.26	ug/L		04/13/21 04:37		1
Bromomethane	ND		2.0	0.69	ug/L		04/13/21 04:37		1
Carbon disulfide	ND		2.0	0.19	ug/L		04/13/21 04:37		1
Carbon tetrachloride	ND		2.0	0.27	ug/L		04/13/21 04:37		1
Chlorobenzene	ND		2.0	0.75	ug/L		04/13/21 04:37		1
Chloroethane	ND		2.0	0.32	ug/L		04/13/21 04:37		1
Chloroform	ND		2.0	0.34	ug/L		04/13/21 04:37		1
Chloromethane	ND		2.0	0.35	ug/L		04/13/21 04:37		1
Chloroprene	ND		1.0	0.49	ug/L		04/13/21 04:37		1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L		04/13/21 04:37		1
Dibromochloromethane	ND		2.0	0.32	ug/L		04/13/21 04:37		1
Dibromomethane	ND		2.0	0.41	ug/L		04/13/21 04:37		1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L		04/13/21 04:37		1
Ethyl methacrylate	ND		2.0	0.59	ug/L		04/13/21 04:37		1
Ethylbenzene	ND		2.0	0.74	ug/L		04/13/21 04:37		1
Hexachlorobutadiene	ND		1.0	0.28	ug/L		04/13/21 04:37		1
Iodomethane	ND		2.0	0.30	ug/L		04/13/21 04:37		1
Isobutyl alcohol	ND		1000	4.8	ug/L		04/13/21 04:37		1
Methacrylonitrile	ND		10	0.69	ug/L		04/13/21 04:37		1
Methyl methacrylate	ND		10	0.61	ug/L		04/13/21 04:37		1
Methylene Chloride	ND		2.0	0.44	ug/L		04/13/21 04:37		1
Naphthalene	ND		1.0	0.43	ug/L		04/13/21 04:37		1
Pentachloroethane	ND	**+	1.0	0.34	ug/L		04/13/21 04:37		1
Propionitrile	ND		50	5.8	ug/L		04/13/21 04:37		1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: LD-1

Date Collected: 04/05/21 17:15

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 04:37	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 04:37	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 04:37	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 04:37	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 04:37	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 04:37	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 04:37	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 04:37	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 04:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 04:37	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 04:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		04/13/21 04:37	1
4-Bromofluorobenzene (Surr)	94		73 - 120		04/13/21 04:37	1
Toluene-d8 (Surr)	102		80 - 120		04/13/21 04:37	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/21 16:41	04/12/21 23:32	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/21 16:41	04/12/21 23:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:24	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:24	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:24	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:24	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:24	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 21:24	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 21:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		19 - 120	04/13/21 15:12	04/14/21 21:24	1
Tetrachloro-m-xylene	87		39 - 121	04/13/21 15:12	04/14/21 21:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	17.2		1.0	0.43	mg/L			04/14/21 22:18	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.82				SU			04/05/21 17:15	1
Field Conductivity	1366				umhos/cm			04/05/21 17:15	1
Field Temperature	15.4				Degrees C			04/05/21 17:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: LD-2

Date Collected: 04/05/21 17:23

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 04:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 04:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 04:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 04:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 04:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 04:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 04:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 04:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 04:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 04:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 04:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 04:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 04:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 04:59	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 04:59	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/13/21 04:59	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 04:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 04:59	1
Acetone	ND		10	3.0	ug/L			04/13/21 04:59	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 04:59	1
Acrolein	ND		20	0.91	ug/L			04/13/21 04:59	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 04:59	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 04:59	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 04:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 04:59	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 04:59	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 04:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 04:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 04:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 04:59	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 04:59	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 04:59	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 04:59	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 04:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 04:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 04:59	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 04:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 04:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 04:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 04:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 04:59	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 04:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 04:59	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 04:59	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 04:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 04:59	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 04:59	1
Pentachloroethane	ND	**+	1.0	0.34	ug/L			04/13/21 04:59	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 04:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: LD-2

Date Collected: 04/05/21 17:23

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 04:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 04:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 04:59	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 04:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 04:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 04:59	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 04:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 04:59	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 04:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 04:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		04/13/21 04:59	1
4-Bromofluorobenzene (Surr)	104		73 - 120		04/13/21 04:59	1
Toluene-d8 (Surr)	105		80 - 120		04/13/21 04:59	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/21 16:41	04/12/21 23:52	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/21 16:41	04/12/21 23:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:40	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:40	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:40	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:40	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:40	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 21:40	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		19 - 120	04/13/21 15:12	04/14/21 21:40	1
Tetrachloro-m-xylene	90		39 - 121	04/13/21 15:12	04/14/21 21:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11.3		1.0	0.43	mg/L			04/14/21 22:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.80				SU			04/05/21 17:23	1
Field Conductivity	1212				umhos/cm			04/05/21 17:23	1
Field Temperature	15.4				Degrees C			04/05/21 17:23	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: LD-4

Date Collected: 04/06/21 08:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 13:03	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 13:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 13:03	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 13:03	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 13:03	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 13:03	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 13:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 13:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 13:03	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 13:03	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 13:03	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 13:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 13:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 13:03	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 13:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 13:03	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 13:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 13:03	1
Acetone	ND		10	3.0	ug/L			04/13/21 13:03	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 13:03	1
Acrolein	ND		20	0.91	ug/L			04/13/21 13:03	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 13:03	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 13:03	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 13:03	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 13:03	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 13:03	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 13:03	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 13:03	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 13:03	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 13:03	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 13:03	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 13:03	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 13:03	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 13:03	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 13:03	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 13:03	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 13:03	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 13:03	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 13:03	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 13:03	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 13:03	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 13:03	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 13:03	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 13:03	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 13:03	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 13:03	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 13:03	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 13:03	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 13:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: LD-4

Date Collected: 04/06/21 08:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 13:03	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 13:03	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 13:03	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 13:03	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 13:03	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 13:03	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 13:03	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 13:03	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 13:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 13:03	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		04/13/21 13:03	1
4-Bromofluorobenzene (Surr)	91		73 - 120		04/13/21 13:03	1
Toluene-d8 (Surr)	99		80 - 120		04/13/21 13:03	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/21 16:41	04/13/21 00:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/21 16:41	04/13/21 00:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:56	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:56	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:56	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:56	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 21:56	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 21:56	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 21:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		19 - 120	04/13/21 15:12	04/14/21 21:56	1
Tetrachloro-m-xylene	82		39 - 121	04/13/21 15:12	04/14/21 21:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.4		1.0	0.43	mg/L			04/15/21 04:05	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.58				SU			04/06/21 08:00	1
Field Conductivity	1036				umhos/cm			04/06/21 08:00	1
Field Temperature	14.6				Degrees C			04/06/21 08:00	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: LD-3

Date Collected: 04/06/21 09:38

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 13:26	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 13:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 13:26	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 13:26	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 13:26	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 13:26	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 13:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 13:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 13:26	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 13:26	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 13:26	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 13:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 13:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 13:26	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 13:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 13:26	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 13:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 13:26	1
Acetone	ND		10	3.0	ug/L			04/13/21 13:26	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 13:26	1
Acrolein	ND		20	0.91	ug/L			04/13/21 13:26	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 13:26	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 13:26	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 13:26	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 13:26	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 13:26	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 13:26	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 13:26	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 13:26	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 13:26	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 13:26	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 13:26	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 13:26	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 13:26	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 13:26	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 13:26	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 13:26	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 13:26	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 13:26	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 13:26	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 13:26	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 13:26	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 13:26	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 13:26	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 13:26	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 13:26	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 13:26	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 13:26	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 13:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-3

Lab Sample ID: 480-183175-4

Matrix: Water

Date Collected: 04/06/21 09:38

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 13:26	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 13:26	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 13:26	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 13:26	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 13:26	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 13:26	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 13:26	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 13:26	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 13:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 13:26	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		04/13/21 13:26	1
4-Bromofluorobenzene (Surr)	108		73 - 120		04/13/21 13:26	1
Toluene-d8 (Surr)	107		80 - 120		04/13/21 13:26	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/21 16:41	04/13/21 00:31	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/21 16:41	04/13/21 00:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 22:12	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 22:12	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 22:12	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 22:12	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 22:12	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 22:12	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		19 - 120	04/13/21 15:12	04/14/21 22:12	1
Tetrachloro-m-xylene	92		39 - 121	04/13/21 15:12	04/14/21 22:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.7		1.0	0.43	mg/L			04/15/21 04:33	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.40				SU			04/06/21 09:38	1
Field Conductivity	1067				umhos/cm			04/06/21 09:38	1
Field Temperature	14.9				Degrees C			04/06/21 09:38	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-14

Date Collected: 04/06/21 08:34

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 13:47	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 13:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 13:47	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 13:47	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 13:47	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 13:47	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 13:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 13:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 13:47	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 13:47	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 13:47	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 13:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 13:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 13:47	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 13:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 13:47	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 13:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 13:47	1
Acetone	ND		10	3.0	ug/L			04/13/21 13:47	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 13:47	1
Acrolein	ND		20	0.91	ug/L			04/13/21 13:47	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 13:47	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 13:47	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 13:47	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 13:47	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 13:47	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 13:47	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 13:47	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 13:47	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 13:47	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 13:47	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 13:47	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 13:47	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 13:47	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 13:47	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 13:47	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 13:47	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 13:47	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 13:47	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 13:47	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 13:47	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 13:47	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 13:47	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 13:47	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 13:47	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 13:47	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 13:47	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 13:47	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 13:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-14

Date Collected: 04/06/21 08:34

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 13:47	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 13:47	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 13:47	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 13:47	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 13:47	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 13:47	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 13:47	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 13:47	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 13:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 13:47	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		04/13/21 13:47	1
4-Bromofluorobenzene (Surr)	101		73 - 120		04/13/21 13:47	1
Toluene-d8 (Surr)	105		80 - 120		04/13/21 13:47	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			04/15/21 17:36	04/16/21 13:29
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			04/15/21 17:36	04/16/21 13:29

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 04:38
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 04:38
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 04:38
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 04:38
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 04:38
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 04:38
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 04:38

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	130	S1+	19 - 120		04/19/21 09:12	04/21/21 04:38
Tetrachloro-m-xylene	101		39 - 121		04/19/21 09:12	04/21/21 04:38

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L			04/15/21 06:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.97				SU			04/06/21 08:34	1
Field Conductivity	649.2				umhos/cm			04/06/21 08:34	1
Field Temperature	14.3				Degrees C			04/06/21 08:34	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-19

Date Collected: 04/06/21 11:04

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 14:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 14:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 14:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 14:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 14:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 14:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 14:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 14:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 14:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 14:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 14:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 14:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 14:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 14:09	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 14:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 14:09	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 14:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 14:09	1
Acetone	ND		10	3.0	ug/L			04/13/21 14:09	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 14:09	1
Acrolein	ND		20	0.91	ug/L			04/13/21 14:09	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 14:09	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 14:09	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 14:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 14:09	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 14:09	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 14:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 14:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 14:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 14:09	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 14:09	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 14:09	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 14:09	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 14:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 14:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 14:09	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 14:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 14:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 14:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 14:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 14:09	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 14:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 14:09	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 14:09	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 14:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 14:09	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 14:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 14:09	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 14:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-19

Lab Sample ID: 480-183178-2

Matrix: Water

Date Collected: 04/06/21 11:04

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 14:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 14:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 14:09	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 14:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 14:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 14:09	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 14:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 14:09	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 14:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 14:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		04/13/21 14:09	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/13/21 14:09	1
Toluene-d8 (Surr)	104		80 - 120		04/13/21 14:09	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.012		0.010	0.0075	ug/L			04/16/21 13:49	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			04/16/21 13:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/21/21 04:54	1
PCB-1221	ND		0.50	0.18	ug/L			04/21/21 04:54	1
PCB-1232	ND		0.50	0.18	ug/L			04/21/21 04:54	1
PCB-1242	ND		0.50	0.18	ug/L			04/21/21 04:54	1
PCB-1248	ND		0.50	0.18	ug/L			04/21/21 04:54	1
PCB-1254	ND		0.50	0.25	ug/L			04/21/21 04:54	1
PCB-1260	ND		0.50	0.25	ug/L			04/21/21 04:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	133	S1+	19 - 120		04/21/21 04:54	1
Tetrachloro-m-xylene	107		39 - 121		04/21/21 04:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L			04/16/21 21:49	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.79				SU			04/06/21 11:04	1
Field Conductivity	837.8				umhos/cm			04/06/21 11:04	1
Field Temperature	14.6				Degrees C			04/06/21 11:04	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-20

Date Collected: 04/06/21 11:25

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 14:31	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 14:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 14:31	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 14:31	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 14:31	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 14:31	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 14:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 14:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 14:31	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 14:31	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 14:31	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 14:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 14:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 14:31	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 14:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 14:31	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 14:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 14:31	1
Acetone	ND		10	3.0	ug/L			04/13/21 14:31	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 14:31	1
Acrolein	ND		20	0.91	ug/L			04/13/21 14:31	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 14:31	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 14:31	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 14:31	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 14:31	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 14:31	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 14:31	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 14:31	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 14:31	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 14:31	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 14:31	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 14:31	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 14:31	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 14:31	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 14:31	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 14:31	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 14:31	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 14:31	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 14:31	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 14:31	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 14:31	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 14:31	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 14:31	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 14:31	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 14:31	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 14:31	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 14:31	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 14:31	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 14:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-20

Lab Sample ID: 480-183178-3

Matrix: Water

Date Collected: 04/06/21 11:25

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 14:31	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 14:31	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 14:31	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 14:31	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 14:31	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 14:31	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 14:31	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 14:31	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 14:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 14:31	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/13/21 14:31	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/13/21 14:31	1
Toluene-d8 (Surr)	103		80 - 120		04/13/21 14:31	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.0083	J	0.010	0.0075	ug/L		04/15/21 17:36	04/16/21 14:28	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/15/21 17:36	04/16/21 14:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:10	1
PCB-1221	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:10	1
PCB-1232	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:10	1
PCB-1242	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:10	1
PCB-1248	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:10	1
PCB-1254	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 05:10	1
PCB-1260	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	126	S1+	19 - 120	04/19/21 09:12	04/21/21 05:10	1
Tetrachloro-m-xylene	104		39 - 121	04/19/21 09:12	04/21/21 05:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.1		1.0	0.43	mg/L			04/16/21 22:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.93				SU			04/06/21 11:25	1
Field Conductivity	1024				umhos/cm			04/06/21 11:25	1
Field Temperature	14.8				Degrees C			04/06/21 11:25	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-25

Date Collected: 04/06/21 10:15

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 14:53	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 14:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 14:53	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 14:53	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 14:53	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 14:53	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 14:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 14:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 14:53	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 14:53	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 14:53	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 14:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 14:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 14:53	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 14:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 14:53	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 14:53	1
Acetone	ND		10	3.0	ug/L			04/13/21 14:53	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 14:53	1
Acrolein	ND		20	0.91	ug/L			04/13/21 14:53	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 14:53	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 14:53	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 14:53	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 14:53	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 14:53	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 14:53	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 14:53	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 14:53	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 14:53	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 14:53	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 14:53	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 14:53	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 14:53	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 14:53	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 14:53	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 14:53	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 14:53	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 14:53	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 14:53	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 14:53	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 14:53	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 14:53	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 14:53	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 14:53	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 14:53	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 14:53	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 14:53	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 14:53	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-25

Lab Sample ID: 480-183178-4

Matrix: Water

Date Collected: 04/06/21 10:15

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 14:53	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 14:53	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 14:53	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 14:53	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 14:53	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 14:53	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 14:53	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 14:53	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 14:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 14:53	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		04/13/21 14:53	1
4-Bromofluorobenzene (Surr)	97		73 - 120		04/13/21 14:53	1
Toluene-d8 (Surr)	105		80 - 120		04/13/21 14:53	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/15/21 17:36	04/16/21 14:48	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/15/21 17:36	04/16/21 14:48	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:26	1
PCB-1221	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:26	1
PCB-1232	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:26	1
PCB-1242	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:26	1
PCB-1248	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 05:26	1
PCB-1254	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 05:26	1
PCB-1260	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 05:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	140	S1+	19 - 120	04/19/21 09:12	04/21/21 05:26	1
Tetrachloro-m-xylene	114		39 - 121	04/19/21 09:12	04/21/21 05:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.9		1.0	0.43	mg/L			04/16/21 23:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.73				SU			04/06/21 10:15	1
Field Conductivity	1045				umhos/cm			04/06/21 10:15	1
Field Temperature	15.1				Degrees C			04/06/21 10:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-26

Date Collected: 04/05/21 17:52

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 15:15	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 15:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 15:15	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 15:15	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 15:15	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 15:15	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 15:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 15:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 15:15	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 15:15	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 15:15	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 15:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 15:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 15:15	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 15:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 15:15	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 15:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 15:15	1
Acetone	ND		10	3.0	ug/L			04/13/21 15:15	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 15:15	1
Acrolein	ND		20	0.91	ug/L			04/13/21 15:15	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 15:15	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 15:15	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 15:15	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 15:15	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 15:15	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 15:15	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 15:15	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 15:15	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 15:15	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 15:15	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 15:15	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 15:15	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 15:15	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 15:15	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 15:15	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 15:15	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 15:15	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 15:15	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 15:15	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 15:15	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 15:15	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 15:15	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 15:15	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 15:15	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 15:15	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 15:15	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 15:15	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 15:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-26

Lab Sample ID: 480-183178-5

Matrix: Water

Date Collected: 04/05/21 17:52

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 15:15	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 15:15	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 15:15	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 15:15	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 15:15	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 15:15	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 15:15	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 15:15	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 15:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 15:15	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		04/13/21 15:15	1
4-Bromofluorobenzene (Surr)	105		73 - 120		04/13/21 15:15	1
Toluene-d8 (Surr)	105		80 - 120		04/13/21 15:15	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			04/15/21 15:05	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			04/15/21 15:05	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	1
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	144	S1+	19 - 120		04/19/21 09:12	1
Tetrachloro-m-xylene	111		39 - 121		04/19/21 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.1		1.0	0.43	mg/L			04/17/21 00:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.14				SU			04/05/21 17:52	1
Field Conductivity	1153				umhos/cm			04/05/21 17:52	1
Field Temperature	14.8				Degrees C			04/05/21 17:52	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: DUP TSCA 1

Date Collected: 04/06/21 10:15

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 15:37	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 15:37	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 15:37	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 15:37	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 15:37	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 15:37	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 15:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 15:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 15:37	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 15:37	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 15:37	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 15:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 15:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 15:37	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 15:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 15:37	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 15:37	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 15:37	1
Acetone	ND		10	3.0	ug/L			04/13/21 15:37	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 15:37	1
Acrolein	ND		20	0.91	ug/L			04/13/21 15:37	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 15:37	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 15:37	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 15:37	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 15:37	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 15:37	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 15:37	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 15:37	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 15:37	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 15:37	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 15:37	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 15:37	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 15:37	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 15:37	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 15:37	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 15:37	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 15:37	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 15:37	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 15:37	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 15:37	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 15:37	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 15:37	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 15:37	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 15:37	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 15:37	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 15:37	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 15:37	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 15:37	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 15:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 1

Lab Sample ID: 480-183178-6

Matrix: Water

Date Collected: 04/06/21 10:15

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 15:37	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 15:37	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 15:37	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 15:37	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 15:37	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 15:37	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 15:37	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 15:37	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 15:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 15:37	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					04/13/21 15:37	1
4-Bromofluorobenzene (Surr)	99		73 - 120					04/13/21 15:37	1
Toluene-d8 (Surr)	103		80 - 120					04/13/21 15:37	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			04/15/21 17:36	04/16/21 15:08
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			04/15/21 17:36	04/16/21 15:08

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 05:57
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 05:57
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 05:57
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 05:57
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 05:57
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 05:57
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 05:57
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	132	S1+	19 - 120				04/19/21 09:12	04/21/21 05:57	1
Tetrachloro-m-xylene	101		39 - 121				04/19/21 09:12	04/21/21 05:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.6		1.0	0.43	mg/L			04/17/21 03:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.73				SU			04/06/21 10:15	1
Field Conductivity	1045				umhos/cm			04/06/21 10:15	1
Field Temperature	15.1				Degrees C			04/06/21 10:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-21

Date Collected: 04/05/21 14:38

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 15:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 15:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 15:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 15:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 15:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 15:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 15:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 15:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 15:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 15:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 15:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 15:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 15:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 15:59	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 15:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 15:59	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 15:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 15:59	1
Acetone	ND		10	3.0	ug/L			04/13/21 15:59	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 15:59	1
Acrolein	ND		20	0.91	ug/L			04/13/21 15:59	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 15:59	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 15:59	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 15:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 15:59	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 15:59	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 15:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 15:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 15:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 15:59	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 15:59	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 15:59	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 15:59	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 15:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 15:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 15:59	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 15:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 15:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 15:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 15:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 15:59	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 15:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 15:59	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 15:59	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 15:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 15:59	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 15:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 15:59	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 15:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Lab Sample ID: 480-183178-7

Matrix: Water

Date Collected: 04/05/21 14:38

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 15:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 15:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 15:59	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 15:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 15:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 15:59	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 15:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 15:59	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 15:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 15:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					04/13/21 15:59	1
4-Bromofluorobenzene (Surr)	94		73 - 120					04/13/21 15:59	1
Toluene-d8 (Surr)	102		80 - 120					04/13/21 15:59	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			04/15/21 15:05	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L			04/15/21 15:05	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	1
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	1
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	130	S1+	19 - 120					04/19/21 09:12	1
Tetrachloro-m-xylene	112		39 - 121					04/19/21 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/17/21 04:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.80				SU			04/05/21 14:38	1
Field Conductivity	753.1				umhos/cm			04/05/21 14:38	1
Field Temperature	14.2				Degrees C			04/05/21 14:38	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-21A

Date Collected: 04/05/21 13:52

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 16:21	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 16:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 16:21	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 16:21	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 16:21	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 16:21	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 16:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 16:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 16:21	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 16:21	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 16:21	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 16:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 16:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 16:21	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 16:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 16:21	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 16:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 16:21	1
Acetone	ND		10	3.0	ug/L			04/13/21 16:21	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 16:21	1
Acrolein	ND		20	0.91	ug/L			04/13/21 16:21	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 16:21	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 16:21	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 16:21	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 16:21	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 16:21	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 16:21	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 16:21	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 16:21	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 16:21	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 16:21	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 16:21	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 16:21	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 16:21	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 16:21	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 16:21	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 16:21	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 16:21	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 16:21	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 16:21	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 16:21	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 16:21	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 16:21	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 16:21	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 16:21	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 16:21	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 16:21	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 16:21	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 16:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21A

Lab Sample ID: 480-183178-8

Matrix: Water

Date Collected: 04/05/21 13:52

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 16:21	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 16:21	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 16:21	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 16:21	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 16:21	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 16:21	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 16:21	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 16:21	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 16:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 16:21	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					04/13/21 16:21	1
4-Bromofluorobenzene (Surr)	102		73 - 120					04/13/21 16:21	1
Toluene-d8 (Surr)	106		80 - 120					04/13/21 16:21	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			04/15/21 15:05	04/15/21 21:56
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			04/15/21 15:05	04/15/21 21:56

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 06:29
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 06:29
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 06:29
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 06:29
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 06:29
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 06:29
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 06:29
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	128	S1+	19 - 120					04/19/21 09:12	04/21/21 06:29
Tetrachloro-m-xylene	109		39 - 121					04/19/21 09:12	04/21/21 06:29

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.6		1.0	0.43	mg/L			04/17/21 01:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.54				SU			04/05/21 13:52	1
Field Conductivity	729				umhos/cm			04/05/21 13:52	1
Field Temperature	14.1				Degrees C			04/05/21 13:52	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-22

Date Collected: 04/05/21 15:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 16:43	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 16:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 16:43	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 16:43	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 16:43	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 16:43	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 16:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 16:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 16:43	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 16:43	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 16:43	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 16:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 16:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 16:43	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 16:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 16:43	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 16:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 16:43	1
Acetone	ND		10	3.0	ug/L			04/13/21 16:43	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 16:43	1
Acrolein	ND		20	0.91	ug/L			04/13/21 16:43	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 16:43	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 16:43	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 16:43	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 16:43	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 16:43	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 16:43	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 16:43	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 16:43	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 16:43	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 16:43	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 16:43	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 16:43	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 16:43	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 16:43	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 16:43	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 16:43	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 16:43	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 16:43	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 16:43	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 16:43	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 16:43	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 16:43	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 16:43	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 16:43	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 16:43	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 16:43	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 16:43	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 16:43	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-22

Date Collected: 04/05/21 15:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 16:43	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 16:43	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 16:43	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 16:43	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 16:43	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 16:43	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 16:43	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 16:43	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 16:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 16:43	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		04/13/21 16:43	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/13/21 16:43	1
Toluene-d8 (Surr)	108		80 - 120		04/13/21 16:43	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/15/21 15:05	04/15/21 22:16	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/15/21 15:05	04/15/21 22:16	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 06:45	1
PCB-1221	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 06:45	1
PCB-1232	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 06:45	1
PCB-1242	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 06:45	1
PCB-1248	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 06:45	1
PCB-1254	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 06:45	1
PCB-1260	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 06:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	147	S1+	19 - 120	04/19/21 09:12	04/21/21 06:45	1
Tetrachloro-m-xylene	127	S1+	39 - 121	04/19/21 09:12	04/21/21 06:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.3		1.0	0.43	mg/L			04/17/21 02:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.40				SU			04/05/21 15:00	1
Field Conductivity	1226				umhos/cm			04/05/21 15:00	1
Field Temperature	14.5				Degrees C			04/05/21 15:00	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-22A

Date Collected: 04/05/21 13:30

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 17:05	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 17:05	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 17:05	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 17:05	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 17:05	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 17:05	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 17:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 17:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 17:05	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 17:05	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 17:05	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 17:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 17:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 17:05	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 17:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 17:05	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 17:05	1
Acetone	ND		10	3.0	ug/L			04/13/21 17:05	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 17:05	1
Acrolein	ND		20	0.91	ug/L			04/13/21 17:05	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 17:05	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 17:05	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 17:05	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 17:05	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 17:05	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 17:05	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 17:05	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 17:05	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 17:05	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 17:05	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 17:05	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 17:05	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 17:05	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 17:05	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 17:05	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 17:05	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 17:05	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 17:05	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 17:05	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 17:05	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 17:05	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 17:05	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 17:05	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 17:05	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 17:05	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 17:05	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 17:05	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 17:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-22A

Date Collected: 04/05/21 13:30

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 17:05	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 17:05	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 17:05	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 17:05	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 17:05	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 17:05	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 17:05	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 17:05	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 17:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 17:05	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		04/13/21 17:05	1
4-Bromofluorobenzene (Surr)	95		73 - 120		04/13/21 17:05	1
Toluene-d8 (Surr)	101		80 - 120		04/13/21 17:05	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/15/21 15:05	04/15/21 22:35	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/15/21 15:05	04/15/21 22:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:01	1
PCB-1221	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:01	1
PCB-1232	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:01	1
PCB-1242	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:01	1
PCB-1248	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:01	1
PCB-1254	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 07:01	1
PCB-1260	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 07:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	141	S1+	19 - 120	04/19/21 09:12	04/21/21 07:01	1
Tetrachloro-m-xylene	118		39 - 121	04/19/21 09:12	04/21/21 07:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.5		1.0	0.43	mg/L			04/17/21 04:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.01				SU			04/05/21 13:30	1
Field Conductivity	1285				umhos/cm			04/05/21 13:30	1
Field Temperature	15.4				Degrees C			04/05/21 13:30	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-23

Date Collected: 04/05/21 15:56

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 17:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 17:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 17:27	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 17:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 17:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 17:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 17:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 17:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 17:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 17:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 17:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 17:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 17:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 17:27	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 17:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 17:27	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 17:27	1
Acetone	ND		10	3.0	ug/L			04/13/21 17:27	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 17:27	1
Acrolein	ND		20	0.91	ug/L			04/13/21 17:27	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 17:27	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 17:27	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 17:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 17:27	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 17:27	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 17:27	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 17:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 17:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 17:27	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 17:27	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 17:27	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 17:27	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 17:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 17:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 17:27	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 17:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 17:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 17:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 17:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 17:27	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 17:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 17:27	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 17:27	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 17:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 17:27	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 17:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 17:27	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 17:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-23

Lab Sample ID: 480-183178-11

Matrix: Water

Date Collected: 04/05/21 15:56

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 17:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 17:27	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 17:27	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 17:27	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 17:27	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 17:27	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 17:27	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 17:27	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 17:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 17:27	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		04/13/21 17:27	1
4-Bromofluorobenzene (Surr)	89		73 - 120		04/13/21 17:27	1
Toluene-d8 (Surr)	101		80 - 120		04/13/21 17:27	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.018		0.011	0.0076	ug/L		04/15/21 15:05	04/15/21 22:55	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/15/21 15:05	04/15/21 22:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:16	1
PCB-1221	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:16	1
PCB-1232	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:16	1
PCB-1242	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:16	1
PCB-1248	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 07:16	1
PCB-1254	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 07:16	1
PCB-1260	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 07:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		19 - 120		04/19/21 09:12	04/21/21 07:16
Tetrachloro-m-xylene	96		39 - 121		04/19/21 09:12	04/21/21 07:16

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.4		1.0	0.43	mg/L			04/17/21 05:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.58				SU			04/05/21 15:56	1
Field Conductivity	698				umhos/cm			04/05/21 15:56	1
Field Temperature	15.0				Degrees C			04/05/21 15:56	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-24

Date Collected: 04/05/21 16:17

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 17:49	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 17:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 17:49	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 17:49	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 17:49	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 17:49	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 17:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 17:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 17:49	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 17:49	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 17:49	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 17:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 17:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 17:49	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 17:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 17:49	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 17:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 17:49	1
Acetone	ND		10	3.0	ug/L			04/13/21 17:49	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 17:49	1
Acrolein	ND		20	0.91	ug/L			04/13/21 17:49	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 17:49	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 17:49	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 17:49	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 17:49	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 17:49	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 17:49	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 17:49	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 17:49	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 17:49	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 17:49	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 17:49	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 17:49	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 17:49	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 17:49	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 17:49	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 17:49	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 17:49	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 17:49	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 17:49	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 17:49	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 17:49	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 17:49	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 17:49	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 17:49	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 17:49	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 17:49	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 17:49	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 17:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-24

Date Collected: 04/05/21 16:17

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 17:49	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 17:49	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 17:49	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 17:49	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 17:49	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 17:49	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 17:49	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 17:49	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 17:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 17:49	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					04/13/21 17:49	1
4-Bromofluorobenzene (Surr)	96		73 - 120					04/13/21 17:49	1
Toluene-d8 (Surr)	101		80 - 120					04/13/21 17:49	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			04/15/21 15:05	04/15/21 23:15
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			04/15/21 15:05	04/15/21 23:15

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:32
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:32
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:32
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:32
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:32
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 07:32
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 07:32
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	143	S1+	19 - 120				04/19/21 09:12	04/21/21 07:32	1
Tetrachloro-m-xylene	109		39 - 121				04/19/21 09:12	04/21/21 07:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.8		1.0	0.43	mg/L			04/17/21 05:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.12				SU			04/05/21 16:17	1
Field Conductivity	1234				umhos/cm			04/05/21 16:17	1
Field Temperature	11.5				Degrees C			04/05/21 16:17	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-16

Date Collected: 04/06/21 12:55

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-13

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 18:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 18:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 18:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 18:11	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 18:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 18:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 18:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 18:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 18:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 18:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 18:11	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 18:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 18:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 18:11	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 18:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 18:11	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 18:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 18:11	1
Acetone	ND		10	3.0	ug/L			04/13/21 18:11	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 18:11	1
Acrolein	ND		20	0.91	ug/L			04/13/21 18:11	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 18:11	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 18:11	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 18:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 18:11	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 18:11	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 18:11	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 18:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 18:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 18:11	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 18:11	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 18:11	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 18:11	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 18:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 18:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 18:11	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 18:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 18:11	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 18:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 18:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 18:11	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 18:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 18:11	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 18:11	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 18:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 18:11	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 18:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 18:11	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 18:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-16

Date Collected: 04/06/21 12:55

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-13

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 18:11	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 18:11	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 18:11	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 18:11	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 18:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 18:11	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 18:11	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 18:11	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 18:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 18:11	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					04/13/21 18:11	1
4-Bromofluorobenzene (Surr)	106		73 - 120					04/13/21 18:11	1
Toluene-d8 (Surr)	108		80 - 120					04/13/21 18:11	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			04/15/21 15:05	04/15/21 23:55
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			04/15/21 15:05	04/15/21 23:55

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:48
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:48
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:48
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:48
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 07:48
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 07:48
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 07:48
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	124	S1+	19 - 120					04/19/21 09:12	04/21/21 07:48
Tetrachloro-m-xylene	99		39 - 121					04/19/21 09:12	04/21/21 07:48

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			04/17/21 06:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.07				SU			04/06/21 12:55	1
Field Conductivity	2820				umhos/cm			04/06/21 12:55	1
Field Temperature	14.9				Degrees C			04/06/21 12:55	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-18

Date Collected: 04/06/21 13:12

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 18:33	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 18:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 18:33	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 18:33	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 18:33	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 18:33	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 18:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 18:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 18:33	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 18:33	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 18:33	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 18:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 18:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 18:33	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 18:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 18:33	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 18:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 18:33	1
Acetone	ND		10	3.0	ug/L			04/13/21 18:33	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 18:33	1
Acrolein	ND		20	0.91	ug/L			04/13/21 18:33	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 18:33	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 18:33	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 18:33	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 18:33	1
Bromoform	ND		2.0	0.26	ug/L			04/13/21 18:33	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 18:33	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 18:33	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 18:33	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 18:33	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 18:33	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 18:33	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 18:33	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 18:33	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 18:33	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/13/21 18:33	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 18:33	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 18:33	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 18:33	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 18:33	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 18:33	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 18:33	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 18:33	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 18:33	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 18:33	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 18:33	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 18:33	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 18:33	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 18:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-18

Date Collected: 04/06/21 13:12

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 18:33	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 18:33	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 18:33	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 18:33	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 18:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 18:33	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 18:33	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 18:33	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 18:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 18:33	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					04/13/21 18:33	1
4-Bromofluorobenzene (Surr)	98		73 - 120					04/13/21 18:33	1
Toluene-d8 (Surr)	103		80 - 120					04/13/21 18:33	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			04/15/21 15:05	04/16/21 00:15
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			04/15/21 15:05	04/16/21 00:15

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:19
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:19
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:19
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:19
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:19
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 21:19
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 21:19
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		19 - 120					04/19/21 09:12	04/21/21 21:19
Tetrachloro-m-xylene	86		39 - 121					04/19/21 09:12	04/21/21 21:19

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.8		1.0	0.43	mg/L			04/17/21 10:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.35				SU			04/06/21 13:12	1
Field Conductivity	1709				umhos/cm			04/06/21 13:12	1
Field Temperature	15.0				Degrees C			04/06/21 13:12	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-15

Date Collected: 04/06/21 13:53

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 15:22	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 15:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 15:22	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 15:22	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 15:22	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 15:22	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 15:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 15:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 15:22	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 15:22	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 15:22	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 15:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 15:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 15:22	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 15:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 15:22	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 15:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 15:22	1
Acetone	ND		10	3.0	ug/L			04/13/21 15:22	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 15:22	1
Acrolein	ND		20	0.91	ug/L			04/13/21 15:22	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 15:22	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 15:22	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 15:22	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 15:22	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 15:22	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 15:22	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 15:22	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 15:22	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 15:22	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 15:22	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 15:22	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 15:22	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 15:22	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 15:22	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 15:22	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 15:22	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 15:22	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 15:22	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 15:22	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 15:22	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 15:22	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 15:22	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 15:22	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 15:22	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 15:22	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 15:22	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 15:22	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 15:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-15

Lab Sample ID: 480-183178-15

Matrix: Water

Date Collected: 04/06/21 13:53

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 15:22	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 15:22	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 15:22	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 15:22	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 15:22	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 15:22	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 15:22	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 15:22	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 15:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 15:22	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					04/13/21 15:22	1
4-Bromofluorobenzene (Surr)	110		73 - 120					04/13/21 15:22	1
Toluene-d8 (Surr)	105		80 - 120					04/13/21 15:22	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			04/15/21 15:05	04/16/21 00:35
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			04/15/21 15:05	04/16/21 00:35

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:35
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:35
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:35
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:35
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 21:35
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 21:35
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 21:35
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		19 - 120					04/19/21 09:12	04/21/21 21:35
Tetrachloro-m-xylene	86		39 - 121					04/19/21 09:12	04/21/21 21:35

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			04/17/21 11:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			04/06/21 13:53	1
Field Conductivity	2350				umhos/cm			04/06/21 13:53	1
Field Temperature	14.8				Degrees C			04/06/21 13:53	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-17

Date Collected: 04/06/21 14:11

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-16

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 15:45	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 15:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 15:45	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 15:45	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 15:45	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 15:45	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 15:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 15:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 15:45	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 15:45	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 15:45	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 15:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 15:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 15:45	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 15:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 15:45	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 15:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 15:45	1
Acetone	ND		10	3.0	ug/L			04/13/21 15:45	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 15:45	1
Acrolein	ND		20	0.91	ug/L			04/13/21 15:45	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 15:45	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 15:45	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 15:45	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 15:45	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 15:45	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 15:45	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 15:45	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 15:45	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 15:45	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 15:45	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 15:45	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 15:45	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 15:45	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 15:45	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 15:45	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 15:45	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 15:45	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 15:45	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 15:45	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 15:45	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 15:45	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 15:45	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 15:45	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 15:45	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 15:45	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 15:45	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 15:45	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 15:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-17

Date Collected: 04/06/21 14:11

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-16

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 15:45	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 15:45	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 15:45	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 15:45	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 15:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 15:45	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 15:45	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 15:45	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 15:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 15:45	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		04/13/21 15:45	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/13/21 15:45	1
Toluene-d8 (Surr)	104		80 - 120		04/13/21 15:45	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/15/21 15:05	04/16/21 00:55	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/15/21 15:05	04/16/21 00:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 08:36	1
PCB-1221	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 08:36	1
PCB-1232	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 08:36	1
PCB-1242	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 08:36	1
PCB-1248	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 08:36	1
PCB-1254	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 08:36	1
PCB-1260	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 08:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	145	S1+	19 - 120	04/19/21 09:12	04/21/21 08:36	1
Tetrachloro-m-xylene	121		39 - 121	04/19/21 09:12	04/21/21 08:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.83	J	1.0	0.43	mg/L			04/17/21 08:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.58				SU			04/06/21 14:11	1
Field Conductivity	1897				umhos/cm			04/06/21 14:11	1
Field Temperature	15.1				Degrees C			04/06/21 14:11	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-13

Date Collected: 04/06/21 14:47

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-17

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 16:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 16:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 16:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 16:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 16:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 16:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 16:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 16:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 16:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 16:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 16:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 16:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 16:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 16:09	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 16:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 16:09	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 16:09	1
Acetone	ND		10	3.0	ug/L			04/13/21 16:09	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 16:09	1
Acrolein	ND		20	0.91	ug/L			04/13/21 16:09	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 16:09	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 16:09	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 16:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 16:09	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 16:09	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 16:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 16:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 16:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 16:09	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 16:09	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 16:09	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 16:09	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 16:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 16:09	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 16:09	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 16:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 16:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 16:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 16:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 16:09	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 16:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 16:09	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 16:09	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 16:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 16:09	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 16:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 16:09	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 16:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-13

Date Collected: 04/06/21 14:47

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-17

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 16:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 16:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 16:09	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 16:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 16:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 16:09	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 16:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 16:09	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 16:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 16:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					04/13/21 16:09	1
4-Bromofluorobenzene (Surr)	110		73 - 120					04/13/21 16:09	1
Toluene-d8 (Surr)	109		80 - 120					04/13/21 16:09	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			04/15/21 16:58	04/16/21 05:12
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			04/15/21 16:58	04/16/21 05:12

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 08:52
PCB-1221	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 08:52
PCB-1232	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 08:52
PCB-1242	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 08:52
PCB-1248	ND		0.50	0.18	ug/L			04/19/21 09:12	04/21/21 08:52
PCB-1254	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 08:52
PCB-1260	ND		0.50	0.25	ug/L			04/19/21 09:12	04/21/21 08:52
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	130	S1+	19 - 120				04/19/21 09:12	04/21/21 08:52	1
Tetrachloro-m-xylene	107		39 - 121				04/19/21 09:12	04/21/21 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.1		1.0	0.43	mg/L			04/17/21 09:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.69				SU			04/06/21 14:47	1
Field Conductivity	1081				umhos/cm			04/06/21 14:47	1
Field Temperature	15.1				Degrees C			04/06/21 14:47	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: DUP TSCA #2

Date Collected: 04/06/21 14:47

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-18

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 16:33	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 16:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 16:33	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 16:33	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 16:33	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 16:33	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 16:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 16:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 16:33	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 16:33	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 16:33	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 16:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 16:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 16:33	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 16:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 16:33	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 16:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 16:33	1
Acetone	ND		10	3.0	ug/L			04/13/21 16:33	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 16:33	1
Acrolein	ND		20	0.91	ug/L			04/13/21 16:33	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 16:33	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 16:33	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 16:33	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 16:33	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 16:33	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 16:33	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 16:33	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 16:33	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 16:33	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 16:33	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 16:33	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 16:33	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 16:33	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 16:33	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 16:33	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 16:33	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 16:33	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 16:33	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 16:33	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 16:33	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 16:33	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 16:33	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 16:33	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 16:33	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 16:33	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 16:33	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 16:33	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 16:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA #2

Lab Sample ID: 480-183178-18

Matrix: Water

Date Collected: 04/06/21 14:47

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 16:33	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 16:33	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 16:33	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 16:33	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 16:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 16:33	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 16:33	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 16:33	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 16:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 16:33	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/13/21 16:33	1
4-Bromofluorobenzene (Surr)	104		73 - 120		04/13/21 16:33	1
Toluene-d8 (Surr)	103		80 - 120		04/13/21 16:33	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/15/21 16:58	04/16/21 05:32	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/15/21 16:58	04/16/21 05:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 21:51	1
PCB-1221	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 21:51	1
PCB-1232	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 21:51	1
PCB-1242	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 21:51	1
PCB-1248	ND		0.50	0.18	ug/L		04/19/21 09:12	04/21/21 21:51	1
PCB-1254	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 21:51	1
PCB-1260	ND		0.50	0.25	ug/L		04/19/21 09:12	04/21/21 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		19 - 120	04/19/21 09:12	04/21/21 21:51	1
Tetrachloro-m-xylene	89		39 - 121	04/19/21 09:12	04/21/21 21:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.2		1.0	0.43	mg/L			04/17/21 11:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.69				SU			04/06/21 14:47	1
Field Conductivity	1081				umhos/cm			04/06/21 14:47	1
Field Temperature	15.1				Degrees C			04/06/21 14:47	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-10

Date Collected: 04/06/21 15:26

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-19

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 16:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 16:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 16:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 16:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 16:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 16:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 16:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 16:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 16:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 16:56	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 16:56	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 16:56	1
Acetone	ND		10	3.0	ug/L			04/13/21 16:56	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 16:56	1
Acrolein	ND		20	0.91	ug/L			04/13/21 16:56	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 16:56	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 16:56	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 16:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 16:56	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 16:56	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 16:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 16:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 16:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 16:56	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 16:56	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 16:56	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 16:56	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 16:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 16:56	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 16:56	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 16:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 16:56	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 16:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 16:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 16:56	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 16:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 16:56	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 16:56	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 16:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 16:56	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 16:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 16:56	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 16:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-10

Date Collected: 04/06/21 15:26

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-19

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 16:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 16:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 16:56	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 16:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 16:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 16:56	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 16:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 16:56	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 16:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		04/13/21 16:56	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/13/21 16:56	1
Toluene-d8 (Surr)	101		80 - 120		04/13/21 16:56	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/15/21 16:58	04/16/21 05:52	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/15/21 16:58	04/16/21 05:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 10:47	1
PCB-1221	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 10:47	1
PCB-1232	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 10:47	1
PCB-1242	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 10:47	1
PCB-1248	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 10:47	1
PCB-1254	ND		0.50	0.25	ug/L		04/21/21 08:49	04/23/21 10:47	1
PCB-1260	ND		0.50	0.25	ug/L		04/21/21 08:49	04/23/21 10:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		19 - 120	04/21/21 08:49	04/23/21 10:47	1
Tetrachloro-m-xylene	119		39 - 121	04/21/21 08:49	04/23/21 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.2		1.0	0.43	mg/L			04/17/21 12:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.73				SU			04/06/21 15:26	1
Field Conductivity	1015				umhos/cm			04/06/21 15:26	1
Field Temperature	15.5				Degrees C			04/06/21 15:26	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-11

Date Collected: 04/06/21 16:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 17:20	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 17:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 17:20	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 17:20	1
1,1-Dichloroethane	0.57 J		2.0	0.38	ug/L			04/13/21 17:20	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 17:20	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 17:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 17:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 17:20	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 17:20	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 17:20	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 17:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 17:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 17:20	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 17:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 17:20	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 17:20	1
Acetone	ND		10	3.0	ug/L			04/13/21 17:20	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 17:20	1
Acrolein	ND		20	0.91	ug/L			04/13/21 17:20	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 17:20	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 17:20	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 17:20	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 17:20	1
Bromoform	ND *+		2.0	0.26	ug/L			04/13/21 17:20	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 17:20	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 17:20	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 17:20	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 17:20	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 17:20	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 17:20	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 17:20	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 17:20	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 17:20	1
Dibromochloromethane	ND *+		2.0	0.32	ug/L			04/13/21 17:20	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 17:20	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 17:20	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 17:20	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 17:20	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 17:20	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 17:20	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 17:20	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 17:20	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 17:20	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 17:20	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 17:20	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 17:20	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 17:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-11

Lab Sample ID: 480-183178-20

Matrix: Water

Date Collected: 04/06/21 16:00

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 17:20	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 17:20	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 17:20	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 17:20	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 17:20	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 17:20	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 17:20	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 17:20	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 17:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 17:20	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					04/13/21 17:20	1
4-Bromofluorobenzene (Surr)	102		73 - 120					04/13/21 17:20	1
Toluene-d8 (Surr)	102		80 - 120					04/13/21 17:20	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/15/21 16:58	04/16/21 06:12	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/15/21 16:58	04/16/21 06:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 20:26	1
PCB-1221	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 20:26	1
PCB-1232	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 20:26	1
PCB-1242	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 20:26	1
PCB-1248	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 20:26	1
PCB-1254	ND		0.50	0.25	ug/L		04/20/21 15:02	04/23/21 20:26	1
PCB-1260	ND		0.50	0.25	ug/L		04/20/21 15:02	04/23/21 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		19 - 120				04/20/21 15:02	04/23/21 20:26	1
Tetrachloro-m-xylene	92		39 - 121				04/20/21 15:02	04/23/21 20:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			04/17/21 15:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.32				SU			04/06/21 16:00	1
Field Conductivity	1357				umhos/cm			04/06/21 16:00	1
Field Temperature	15.0				Degrees C			04/06/21 16:00	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-12

Date Collected: 04/06/21 16:20

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-21

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 17:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 17:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 17:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 17:44	1
1,1-Dichloroethane	1.4	J	2.0	0.38	ug/L			04/13/21 17:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 17:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 17:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 17:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 17:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 17:44	1
1,2-Dichloroethene, Total	10		2.0	0.81	ug/L			04/13/21 17:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 17:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 17:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 17:44	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 17:44	1
2-Butanone (MEK)	2.3	J	10	1.3	ug/L			04/13/21 17:44	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 17:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 17:44	1
Acetone	ND		10	3.0	ug/L			04/13/21 17:44	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 17:44	1
Acrolein	ND		20	0.91	ug/L			04/13/21 17:44	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 17:44	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 17:44	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 17:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 17:44	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 17:44	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 17:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 17:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 17:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 17:44	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 17:44	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 17:44	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 17:44	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 17:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 17:44	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 17:44	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 17:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 17:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 17:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 17:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 17:44	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 17:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 17:44	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 17:44	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 17:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 17:44	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 17:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 17:44	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 17:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-12

Date Collected: 04/06/21 16:20

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-21

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 17:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 17:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 17:44	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 17:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 17:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 17:44	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 17:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 17:44	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 17:44	1
Vinyl chloride	1.9		1.0	0.90	ug/L			04/13/21 17:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					04/13/21 17:44	1
4-Bromofluorobenzene (Surr)	100		73 - 120					04/13/21 17:44	1
Toluene-d8 (Surr)	100		80 - 120					04/13/21 17:44	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.0090	J	0.011	0.0076	ug/L		04/15/21 16:58	04/16/21 06:31	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/15/21 16:58	04/16/21 06:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 11:19	1
PCB-1221	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 11:19	1
PCB-1232	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 11:19	1
PCB-1242	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 11:19	1
PCB-1248	ND		0.50	0.18	ug/L		04/21/21 08:49	04/23/21 11:19	1
PCB-1254	ND		0.50	0.25	ug/L		04/21/21 08:49	04/23/21 11:19	1
PCB-1260	ND		0.50	0.25	ug/L		04/21/21 08:49	04/23/21 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		19 - 120				04/21/21 08:49	04/23/21 11:19	1
Tetrachloro-m-xylene	127	S1+	39 - 121				04/21/21 08:49	04/23/21 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/17/21 16:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.37				SU			04/06/21 16:20	1
Field Conductivity	1244				umhos/cm			04/06/21 16:20	1
Field Temperature	15.1				Degrees C			04/06/21 16:20	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-4

Date Collected: 04/06/21 17:24

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-22

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 18:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 18:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 18:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 18:08	1
1,1-Dichloroethane	7.0		2.0	0.38	ug/L			04/13/21 18:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 18:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 18:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 18:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 18:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 18:08	1
1,2-Dichloroethene, Total	31		2.0	0.81	ug/L			04/13/21 18:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 18:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 18:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 18:08	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 18:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 18:08	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 18:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 18:08	1
Acetone	ND		10	3.0	ug/L			04/13/21 18:08	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 18:08	1
Acrolein	ND		20	0.91	ug/L			04/13/21 18:08	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 18:08	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 18:08	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 18:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 18:08	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 18:08	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 18:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 18:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 18:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 18:08	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 18:08	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 18:08	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 18:08	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 18:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 18:08	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 18:08	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 18:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 18:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 18:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 18:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 18:08	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 18:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 18:08	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 18:08	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 18:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 18:08	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 18:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 18:08	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 18:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Lab Sample ID: 480-183178-22

Matrix: Water

Date Collected: 04/06/21 17:24

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 18:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 18:08	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 18:08	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 18:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 18:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 18:08	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 18:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 18:08	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 18:08	1
Vinyl chloride	2.2		1.0	0.90	ug/L			04/13/21 18:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					04/13/21 18:08	1
4-Bromofluorobenzene (Surr)	106		73 - 120					04/13/21 18:08	1
Toluene-d8 (Surr)	104		80 - 120					04/13/21 18:08	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			04/15/21 16:58	04/16/21 07:11
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			04/15/21 16:58	04/16/21 07:11

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/20/21 15:02	04/23/21 20:58
PCB-1221	ND		0.50	0.18	ug/L			04/20/21 15:02	04/23/21 20:58
PCB-1232	ND		0.50	0.18	ug/L			04/20/21 15:02	04/23/21 20:58
PCB-1242	ND		0.50	0.18	ug/L			04/20/21 15:02	04/23/21 20:58
PCB-1248	ND		0.50	0.18	ug/L			04/20/21 15:02	04/23/21 20:58
PCB-1254	ND		0.50	0.25	ug/L			04/20/21 15:02	04/23/21 20:58
PCB-1260	ND		0.50	0.25	ug/L			04/20/21 15:02	04/23/21 20:58
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120					04/20/21 15:02	04/23/21 20:58
Tetrachloro-m-xylene	98		39 - 121					04/20/21 15:02	04/23/21 20:58

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.7		1.0	0.43	mg/L			04/17/21 13:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.49				SU			04/06/21 17:24	1
Field Conductivity	1285				umhos/cm			04/06/21 17:24	1
Field Temperature	15.3				Degrees C			04/06/21 17:24	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: DUP TSCA 3

Date Collected: 04/07/21 17:24

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-23

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 18:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 18:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 18:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 18:32	1
1,1-Dichloroethane	7.2		2.0	0.38	ug/L			04/13/21 18:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 18:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 18:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 18:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 18:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 18:32	1
1,2-Dichloroethene, Total	32		2.0	0.81	ug/L			04/13/21 18:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 18:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 18:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 18:32	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 18:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 18:32	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 18:32	1
Acetone	ND		10	3.0	ug/L			04/13/21 18:32	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 18:32	1
Acrolein	ND		20	0.91	ug/L			04/13/21 18:32	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 18:32	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 18:32	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 18:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 18:32	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 18:32	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 18:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 18:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 18:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 18:32	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 18:32	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 18:32	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 18:32	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 18:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 18:32	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 18:32	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 18:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 18:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 18:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 18:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 18:32	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 18:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 18:32	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 18:32	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 18:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 18:32	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 18:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 18:32	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 18:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 3

Date Collected: 04/07/21 17:24

Lab Sample ID: 480-183178-23

Matrix: Water

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 18:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 18:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 18:32	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 18:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 18:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 18:32	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 18:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 18:32	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 18:32	1
Vinyl chloride	2.1		1.0	0.90	ug/L			04/13/21 18:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					04/13/21 18:32	1
4-Bromofluorobenzene (Surr)	98		73 - 120					04/13/21 18:32	1
Toluene-d8 (Surr)	101		80 - 120					04/13/21 18:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			04/19/21 15:52	04/19/21 18:23
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			04/19/21 15:52	04/19/21 18:23

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/21/21 08:49	04/23/21 11:35
PCB-1221	ND		0.50	0.18	ug/L			04/21/21 08:49	04/23/21 11:35
PCB-1232	ND		0.50	0.18	ug/L			04/21/21 08:49	04/23/21 11:35
PCB-1242	ND		0.50	0.18	ug/L			04/21/21 08:49	04/23/21 11:35
PCB-1248	ND		0.50	0.18	ug/L			04/21/21 08:49	04/23/21 11:35
PCB-1254	ND		0.50	0.25	ug/L			04/21/21 08:49	04/23/21 11:35
PCB-1260	ND		0.50	0.25	ug/L			04/21/21 08:49	04/23/21 11:35
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		19 - 120					04/21/21 08:49	04/23/21 11:35
Tetrachloro-m-xylene	137	S1+	39 - 121					04/21/21 08:49	04/23/21 11:35

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.8		1.0	0.43	mg/L			04/17/21 14:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.49				SU			04/07/21 17:24	1
Field Conductivity	1285				umhos/cm			04/07/21 17:24	1
Field Temperature	15.3				Degrees C			04/07/21 17:24	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: FIELD BLANK TSCA

Date Collected: 04/07/21 07:25

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-24

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 18:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 18:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 18:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 18:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 18:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 18:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 18:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 18:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 18:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 18:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 18:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 18:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 18:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 18:56	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 18:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 18:56	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 18:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 18:56	1
Acetone	ND		10	3.0	ug/L			04/13/21 18:56	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 18:56	1
Acrolein	ND		20	0.91	ug/L			04/13/21 18:56	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 18:56	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 18:56	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 18:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 18:56	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 18:56	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 18:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 18:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 18:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 18:56	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 18:56	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 18:56	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 18:56	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 18:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 18:56	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 18:56	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 18:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 18:56	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 18:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 18:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 18:56	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 18:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 18:56	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 18:56	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 18:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 18:56	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 18:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 18:56	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 18:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: FIELD BLANK TSCA

Lab Sample ID: 480-183178-24

Matrix: Water

Date Collected: 04/07/21 07:25

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 18:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 18:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 18:56	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 18:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 18:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 18:56	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 18:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 18:56	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 18:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 18:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					04/13/21 18:56	1
4-Bromofluorobenzene (Surr)	103		73 - 120					04/13/21 18:56	1
Toluene-d8 (Surr)	100		80 - 120					04/13/21 18:56	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			04/19/21 15:52	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			04/19/21 15:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/20/21 15:02	1
PCB-1221	ND		0.50	0.18	ug/L			04/20/21 15:02	1
PCB-1232	ND		0.50	0.18	ug/L			04/20/21 15:02	1
PCB-1242	ND		0.50	0.18	ug/L			04/20/21 15:02	1
PCB-1248	ND		0.50	0.18	ug/L			04/20/21 15:02	1
PCB-1254	ND		0.50	0.25	ug/L			04/20/21 15:02	1
PCB-1260	ND		0.50	0.25	ug/L			04/20/21 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		19 - 120					04/20/21 15:02	1
Tetrachloro-m-xylene	97		39 - 121					04/20/21 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/17/21 16:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.24				SU			04/07/21 07:25	1
Field Conductivity	62.77				umhos/cm			04/07/21 07:25	1
Field Temperature	18.3				Degrees C			04/07/21 07:25	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: TRIP BLANK

Date Collected: 04/07/21 00:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-25

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/13/21 19:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/13/21 19:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/13/21 19:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/13/21 19:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/13/21 19:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/13/21 19:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/13/21 19:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/13/21 19:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/13/21 19:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/13/21 19:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/13/21 19:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/13/21 19:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/13/21 19:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/13/21 19:19	1
1,4-Dioxane	ND		40	9.3	ug/L			04/13/21 19:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/13/21 19:19	1
2-Hexanone	ND		10	1.2	ug/L			04/13/21 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/13/21 19:19	1
Acetone	ND		10	3.0	ug/L			04/13/21 19:19	1
Acetonitrile	ND		170	4.9	ug/L			04/13/21 19:19	1
Acrolein	ND		20	0.91	ug/L			04/13/21 19:19	1
Acrylonitrile	ND		20	0.83	ug/L			04/13/21 19:19	1
Allyl chloride	ND		2.0	0.44	ug/L			04/13/21 19:19	1
Benzene	ND		2.0	0.41	ug/L			04/13/21 19:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/13/21 19:19	1
Bromoform	ND	**+	2.0	0.26	ug/L			04/13/21 19:19	1
Bromomethane	ND		2.0	0.69	ug/L			04/13/21 19:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/13/21 19:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/13/21 19:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/13/21 19:19	1
Chloroethane	ND		2.0	0.32	ug/L			04/13/21 19:19	1
Chloroform	ND		2.0	0.34	ug/L			04/13/21 19:19	1
Chloromethane	ND		2.0	0.35	ug/L			04/13/21 19:19	1
Chloroprene	ND		1.0	0.49	ug/L			04/13/21 19:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/13/21 19:19	1
Dibromochloromethane	ND	**+	2.0	0.32	ug/L			04/13/21 19:19	1
Dibromomethane	ND		2.0	0.41	ug/L			04/13/21 19:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/13/21 19:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/13/21 19:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/13/21 19:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/13/21 19:19	1
Iodomethane	ND		2.0	0.30	ug/L			04/13/21 19:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/13/21 19:19	1
Methacrylonitrile	ND		10	0.69	ug/L			04/13/21 19:19	1
Methyl methacrylate	ND		10	0.61	ug/L			04/13/21 19:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/13/21 19:19	1
Naphthalene	ND		1.0	0.43	ug/L			04/13/21 19:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/13/21 19:19	1
Propionitrile	ND		50	5.8	ug/L			04/13/21 19:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-183178-25

Matrix: Water

Date Collected: 04/07/21 00:00

Date Received: 04/08/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/13/21 19:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/13/21 19:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/13/21 19:19	1
Toluene	ND		2.0	0.51	ug/L			04/13/21 19:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/13/21 19:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/13/21 19:19	1
Trichloroethene	ND		2.0	0.46	ug/L			04/13/21 19:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/13/21 19:19	1
Vinyl acetate	ND		10	0.85	ug/L			04/13/21 19:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/13/21 19:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/13/21 19:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	109		77 - 120				04/13/21 19:19	1	
4-Bromofluorobenzene (Surr)	112		73 - 120				04/13/21 19:19	1	
Toluene-d8 (Surr)	108		80 - 120				04/13/21 19:19	1	

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-2

Lab Sample ID: 480-183293-1

Matrix: Water

Date Collected: 04/07/21 11:45

Date Received: 04/09/21 10:00

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/19/21 15:52	04/19/21 22:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/19/21 15:52	04/19/21 22:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:34	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:34	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:34	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:34	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:34	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 21:34	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 21:34	1

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl	40		19 - 120		04/23/21 15:05	04/28/21 21:34	1
Tetrachloro-m-xylene	81		39 - 121		04/23/21 15:05	04/28/21 21:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11.9		1.0	0.43	mg/L			04/23/21 01:52	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.60				SU			04/07/21 11:45	1
Field Conductivity	500.0				umhos/cm			04/07/21 11:45	1
Field Temperature	15.3				Degrees C			04/07/21 11:45	1
Field Turbidity	16.6				NTU			04/07/21 11:45	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-10

Lab Sample ID: 480-183293-2

Matrix: Water

Date Collected: 04/07/21 11:35

Date Received: 04/09/21 10:00

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/19/21 15:52	04/19/21 22:23	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/19/21 15:52	04/19/21 22:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:49	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:49	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:49	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:49	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:49	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 21:49	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 21:49	1

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl	38		19 - 120		04/23/21 15:05	04/28/21 21:49	1
Tetrachloro-m-xylene	77		39 - 121		04/23/21 15:05	04/28/21 21:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	12.0		1.0	0.43	mg/L		04/23/21 02:21		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.66				SU		04/07/21 11:35		1
Field Conductivity	487.8				umhos/cm		04/07/21 11:35		1
Field Temperature	15.6				Degrees C		04/07/21 11:35		1
Field Turbidity	18.0				NTU		04/07/21 11:35		1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-12

Lab Sample ID: 480-183293-3

Matrix: Water

Date Collected: 04/07/21 11:25

Date Received: 04/09/21 10:00

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/19/21 15:52	04/19/21 22:43	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/19/21 15:52	04/19/21 22:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:05	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:05	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:05	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:05	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:05	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 22:05	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 22:05	1

Surrogate

	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	44		19 - 120		04/23/21 15:05	04/28/21 22:05
Tetrachloro-m-xylene	74		39 - 121		04/23/21 15:05	04/28/21 22:05

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.8		1.0	0.43	mg/L		04/23/21 02:50		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.49				SU		04/07/21 11:25		1
Field Conductivity	585.7				umhos/cm		04/07/21 11:25		1
Field Temperature	14.6				Degrees C		04/07/21 11:25		1
Field Turbidity	11.8				NTU		04/07/21 11:25		1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Lab Sample ID: 480-183293-4

Matrix: Water

Date Collected: 04/07/21 10:55

Date Received: 04/09/21 10:00

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/19/21 15:52	04/19/21 23:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/19/21 15:52	04/19/21 23:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:21	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:21	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:21	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:21	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:21	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 22:21	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 22:21	1

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl	41		19 - 120		04/23/21 15:05	04/28/21 22:21	1
Tetrachloro-m-xylene	77		39 - 121		04/23/21 15:05	04/28/21 22:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	10.3		1.0	0.43	mg/L			04/22/21 20:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.48				SU			04/07/21 10:55	1
Field Conductivity	525.3				umhos/cm			04/07/21 10:55	1
Field Temperature	14.8				Degrees C			04/07/21 10:55	1
Field Turbidity	14.7				NTU			04/07/21 10:55	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-9

Lab Sample ID: 480-183293-5

Matrix: Water

Date Collected: 04/07/21 11:55

Date Received: 04/09/21 10:00

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/19/21 15:52	04/19/21 23:22	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/19/21 15:52	04/19/21 23:22	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:37	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:37	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:37	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:37	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 22:37	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 22:37	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 22:37	1

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl	41		19 - 120		04/23/21 15:05	04/28/21 22:37	1
Tetrachloro-m-xylene	77		39 - 121		04/23/21 15:05	04/28/21 22:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11.1		1.0	0.43	mg/L			04/22/21 21:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.66				SU			04/07/21 11:55	1
Field Conductivity	479.3				umhos/cm			04/07/21 11:55	1
Field Temperature	16.2				Degrees C			04/07/21 11:55	1
Field Turbidity	15.4				NTU			04/07/21 11:55	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-6

Lab Sample ID: 480-183295-1

Matrix: Water

Date Collected: 04/07/21 08:50

Date Received: 04/12/21 10:00

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/19/21 15:52	04/19/21 23:42	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/19/21 15:52	04/19/21 23:42	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 20:46	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 20:46	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 20:46	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 20:46	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 20:46	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 20:46	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 20:46	1

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl	60		19 - 120		04/23/21 15:05	04/28/21 20:46	1
Tetrachloro-m-xylene	75		39 - 121		04/23/21 15:05	04/28/21 20:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.5		1.0	0.43	mg/L		04/23/21 02:00		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.14				SU		04/07/21 08:50		1
Field Conductivity	1441				umhos/cm		04/07/21 08:50		1
Field Temperature	15.3				Degrees C		04/07/21 08:50		1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-5

Lab Sample ID: 480-183295-2

Matrix: Water

Date Collected: 04/07/21 09:43

Date Received: 04/12/21 10:00

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		04/19/21 15:52	04/20/21 01:02	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		04/19/21 15:52	04/20/21 01:02	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:02	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:02	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:02	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:02	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:02	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 21:02	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 21:02	1

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl	57		19 - 120		04/23/21 15:05	04/28/21 21:02	1
Tetrachloro-m-xylene	75		39 - 121		04/23/21 15:05	04/28/21 21:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.4		1.0	0.43	mg/L		04/23/21 03:29		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.38				SU		04/07/21 09:43		1
Field Conductivity	1420				umhos/cm		04/07/21 09:43		1
Field Temperature	14.6				Degrees C		04/07/21 09:43		1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Lab Sample ID: 480-183295-3

Matrix: Water

Date Collected: 04/07/21 10:27

Date Received: 04/12/21 10:00

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/19/21 15:52	04/20/21 01:22	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/19/21 15:52	04/20/21 01:22	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:18	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:18	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:18	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:18	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 21:18	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 21:18	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 21:18	1

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl	58		19 - 120		04/23/21 15:05	04/28/21 21:18	1
Tetrachloro-m-xylene	79		39 - 121		04/23/21 15:05	04/28/21 21:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.3		1.0	0.43	mg/L		04/23/21 03:59		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.35				SU		04/07/21 10:27		1
Field Conductivity	1477				umhos/cm		04/07/21 10:27		1
Field Temperature	15.0				Degrees C		04/07/21 10:27		1

Surrogate Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
480-183175-1	LD-1	105	94	102
480-183175-2	LD-2	107	104	105
480-183175-3	LD-4	100	91	99
480-183175-4	LD-3	104	108	107
480-183178-1	U-14	102	101	105
480-183178-2	U-19	104	100	104
480-183178-3	U-20	101	100	103
480-183178-4	U-25	102	97	105
480-183178-5	U-26	102	105	105
480-183178-6	DUP TSCA 1	103	99	103
480-183178-7	U-21	102	94	102
480-183178-8	U-21A	103	102	106
480-183178-9	U-22	106	103	108
480-183178-10	U-22A	102	95	101
480-183178-11	U-23	99	89	101
480-183178-12	U-24	105	96	101
480-183178-13	U-16	104	106	108
480-183178-14	U-18	103	98	103
480-183178-15	U-15	104	110	105
480-183178-16	U-17	108	103	104
480-183178-17	U-13	106	110	109
480-183178-18	DUP TSCA #2	103	104	103
480-183178-19	U-10	109	102	101
480-183178-20	U-11	101	102	102
480-183178-21	U-12	104	100	100
480-183178-22	U-4	102	106	104
480-183178-23	DUP TSCA 3	105	98	101
480-183178-24	FIELD BLANK TSCA	105	103	100
480-183178-25	TRIP BLANK	109	112	108
LCS 480-576027/6	Lab Control Sample	95	110	106
LCS 480-576090/5	Lab Control Sample	96	100	103
LCS 480-576094/5	Lab Control Sample	100	109	105
MB 480-576027/8	Method Blank	104	108	110
MB 480-576090/7	Method Blank	99	102	103
MB 480-576094/7	Method Blank	101	98	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2 (19-120)	TCX2 (39-121)
480-183175-1	LD-1	74	87
480-183175-2	LD-2	77	90
480-183175-3	LD-4	81	82

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCBP2 (19-120)	TCX2 (39-121)	
480-183175-4	LD-3	80	92	
480-183178-1	U-14	130 S1+	101	
480-183178-2	U-19	133 S1+	107	
480-183178-3	U-20	126 S1+	104	
480-183178-4	U-25	140 S1+	114	
480-183178-5	U-26	144 S1+	111	
480-183178-6	DUP TSCA 1	132 S1+	101	
480-183178-7	U-21	130 S1+	112	
480-183178-8	U-21A	128 S1+	109	
480-183178-9	U-22	147 S1+	127 S1+	
480-183178-10	U-22A	141 S1+	118	
480-183178-11	U-23	94	96	
480-183178-12	U-24	143 S1+	109	
480-183178-13	U-16	124 S1+	99	
480-183178-14	U-18	100	86	
480-183178-15	U-15	91	86	
480-183178-16	U-17	145 S1+	121	
480-183178-17	U-13	130 S1+	107	
480-183178-18	DUP TSCA #2	94	89	
480-183178-19	U-10	67	119	
480-183178-20	U-11	68	92	
480-183178-21	U-12	82	127 S1+	
480-183178-22	U-4	64	98	
480-183178-23	DUP TSCA 3	85	137 S1+	
480-183178-24	FIELD BLANK TSCA	61	97	
LCS 480-576174/2-A	Lab Control Sample	62	82	
LCS 480-576818/2-A	Lab Control Sample	55	82	
LCS 480-577074/2-A	Lab Control Sample	55	85	
LCS 480-577165/2-A	Lab Control Sample	53	95	
LCSD 480-577074/3-A	Lab Control Sample Dup	52	84	
MB 480-576174/1-A	Method Blank	61	74	
MB 480-576818/1-A	Method Blank	54	72	
MB 480-577074/1-A	Method Blank	59	87	
MB 480-577165/1-A	Method Blank	61	93	

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCBP1 (19-120)	TCX1 (39-121)	
480-183293-1	C-2	40	81	
480-183293-2	C-10	38	77	
480-183293-3	C-12	44	74	
480-183293-4	C-6	41	77	
480-183293-5	C-9	41	77	
480-183295-1	U-6	60	75	

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (19-120)	TCX1 (39-121)
480-183295-1 MS	U-6	48	67
480-183295-1 MSD	U-6	52	76
480-183295-2	U-5	57	75
480-183295-3	U-3	58	79
LCS 480-577670/2-A	Lab Control Sample	47	80
MB 480-577670/1-A	Method Blank	51	68

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-576027/8

Matrix: Water

Analysis Batch: 576027

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/21 21:41	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/21 21:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/21 21:41	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/21 21:41	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/21 21:41	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/21 21:41	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/21 21:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/21 21:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/21 21:41	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/21 21:41	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/21 21:41	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/21 21:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/21 21:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/21 21:41	1
1,4-Dioxane	9.61	J	40	9.3	ug/L			04/12/21 21:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/21 21:41	1
2-Hexanone	ND		10	1.2	ug/L			04/12/21 21:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/12/21 21:41	1
Acetone	ND		10	3.0	ug/L			04/12/21 21:41	1
Acetonitrile	ND		170	4.9	ug/L			04/12/21 21:41	1
Acrolein	ND		20	0.91	ug/L			04/12/21 21:41	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/21 21:41	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/21 21:41	1
Benzene	ND		2.0	0.41	ug/L			04/12/21 21:41	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/21 21:41	1
Bromoform	ND		2.0	0.26	ug/L			04/12/21 21:41	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/21 21:41	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/21 21:41	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/21 21:41	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/21 21:41	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/21 21:41	1
Chloroform	ND		2.0	0.34	ug/L			04/12/21 21:41	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/21 21:41	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/21 21:41	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/21 21:41	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/21 21:41	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/21 21:41	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/21 21:41	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/21 21:41	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/21 21:41	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/21 21:41	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/21 21:41	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/21 21:41	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/21 21:41	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/21 21:41	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/21 21:41	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/21 21:41	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/21 21:41	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-576027/8

Matrix: Water

Analysis Batch: 576027

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND				50	5.8	ug/L			04/12/21 21:41	1
Styrene	ND				2.0	0.73	ug/L			04/12/21 21:41	1
Tetrachloroethene	ND				2.0	0.36	ug/L			04/12/21 21:41	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			04/12/21 21:41	1
Toluene	ND				2.0	0.51	ug/L			04/12/21 21:41	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			04/12/21 21:41	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			04/12/21 21:41	1
Trichloroethene	ND				2.0	0.46	ug/L			04/12/21 21:41	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			04/12/21 21:41	1
Vinyl acetate	ND				10	0.85	ug/L			04/12/21 21:41	1
Vinyl chloride	ND				1.0	0.90	ug/L			04/12/21 21:41	1
Xylenes, Total	ND				3.0	0.66	ug/L			04/12/21 21:41	1
Surrogate		MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)		104				77 - 120					
4-Bromofluorobenzene (Surr)		108				73 - 120					
Toluene-d8 (Surr)		110				80 - 120					

Lab Sample ID: LCS 480-576027/6

Matrix: Water

Analysis Batch: 576027

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	MB	MB	Spike Added	LC S	LC S	Unit	D	%Rec	Limits	%Rec.
				Result	Qualifier					
1,1-Dichloroethene			25.0	22.6		ug/L		90	66 - 127	
Benzene			25.0	23.0		ug/L		92	71 - 124	
Chlorobenzene			25.0	23.8		ug/L		95	80 - 120	
Toluene			25.0	24.4		ug/L		98	80 - 122	
Trichloroethene			25.0	23.5		ug/L		94	74 - 123	
Surrogate		LC S	LC S	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		95				77 - 120				
4-Bromofluorobenzene (Surr)		110				73 - 120				
Toluene-d8 (Surr)		106				80 - 120				

Lab Sample ID: MB 480-576090/7

Matrix: Water

Analysis Batch: 576090

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND				2.0	0.35	ug/L			04/13/21 10:56	1
1,1,1-Trichloroethane	ND				2.0	0.82	ug/L			04/13/21 10:56	1
1,1,2,2-Tetrachloroethane	ND				2.0	0.21	ug/L			04/13/21 10:56	1
1,1,2-Trichloroethane	ND				2.0	0.23	ug/L			04/13/21 10:56	1
1,1-Dichloroethane	ND				2.0	0.38	ug/L			04/13/21 10:56	1
1,1-Dichloroethene	ND				2.0	0.29	ug/L			04/13/21 10:56	1
1,2,3-Trichloropropane	ND				2.0	0.89	ug/L			04/13/21 10:56	1
1,2,4-Trichlorobenzene	ND				1.0	0.41	ug/L			04/13/21 10:56	1
1,2-Dichlorobenzene	ND				1.0	0.79	ug/L			04/13/21 10:56	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-576090/7

Matrix: Water

Analysis Batch: 576090

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Dil Fac						
	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed
1,2-Dichloroethane	ND		1	2.0	0.21	ug/L		04/13/21 10:56	
1,2-Dichloroethene, Total	ND		1	2.0	0.81	ug/L		04/13/21 10:56	
1,2-Dichloropropane	ND		1	2.0	0.72	ug/L		04/13/21 10:56	
1,3-Dichlorobenzene	ND		1	1.0	0.78	ug/L		04/13/21 10:56	
1,4-Dichlorobenzene	ND		1	1.0	0.84	ug/L		04/13/21 10:56	
1,4-Dioxane	ND		1	40	9.3	ug/L		04/13/21 10:56	
2-Butanone (MEK)	ND		1	10	1.3	ug/L		04/13/21 10:56	
2-Hexanone	ND		1	10	1.2	ug/L		04/13/21 10:56	
4-Methyl-2-pentanone (MIBK)	ND		1	10	2.1	ug/L		04/13/21 10:56	
Acetone	ND		1	10	3.0	ug/L		04/13/21 10:56	
Acetonitrile	ND		1	170	4.9	ug/L		04/13/21 10:56	
Acrolein	ND		1	20	0.91	ug/L		04/13/21 10:56	
Acrylonitrile	ND		1	20	0.83	ug/L		04/13/21 10:56	
Allyl chloride	ND		1	2.0	0.44	ug/L		04/13/21 10:56	
Benzene	ND		1	2.0	0.41	ug/L		04/13/21 10:56	
Bromodichloromethane	ND		1	2.0	0.39	ug/L		04/13/21 10:56	
Bromoform	ND		1	2.0	0.26	ug/L		04/13/21 10:56	
Bromomethane	ND		1	2.0	0.69	ug/L		04/13/21 10:56	
Carbon disulfide	ND		1	2.0	0.19	ug/L		04/13/21 10:56	
Carbon tetrachloride	ND		1	2.0	0.27	ug/L		04/13/21 10:56	
Chlorobenzene	ND		1	2.0	0.75	ug/L		04/13/21 10:56	
Chloroethane	ND		1	2.0	0.32	ug/L		04/13/21 10:56	
Chloroform	ND		1	2.0	0.34	ug/L		04/13/21 10:56	
Chloromethane	ND		1	2.0	0.35	ug/L		04/13/21 10:56	
Chloroprene	ND		1	1.0	0.49	ug/L		04/13/21 10:56	
cis-1,3-Dichloropropene	ND		1	2.0	0.36	ug/L		04/13/21 10:56	
Dibromochloromethane	ND		1	2.0	0.32	ug/L		04/13/21 10:56	
Dibromomethane	ND		1	2.0	0.41	ug/L		04/13/21 10:56	
Dichlorodifluoromethane	ND		1	2.0	0.68	ug/L		04/13/21 10:56	
Ethyl methacrylate	ND		1	2.0	0.59	ug/L		04/13/21 10:56	
Ethylbenzene	ND		1	2.0	0.74	ug/L		04/13/21 10:56	
Hexachlorobutadiene	ND		1	1.0	0.28	ug/L		04/13/21 10:56	
Iodomethane	ND		1	2.0	0.30	ug/L		04/13/21 10:56	
Isobutyl alcohol	18.2	J	1	1000	4.8	ug/L		04/13/21 10:56	
Methacrylonitrile	ND		1	10	0.69	ug/L		04/13/21 10:56	
Methyl methacrylate	ND		1	10	0.61	ug/L		04/13/21 10:56	
Methylene Chloride	ND		1	2.0	0.44	ug/L		04/13/21 10:56	
Naphthalene	ND		1	1.0	0.43	ug/L		04/13/21 10:56	
Pentachloroethane	ND		1	1.0	0.34	ug/L		04/13/21 10:56	
Propionitrile	ND		1	50	5.8	ug/L		04/13/21 10:56	
Styrene	ND		1	2.0	0.73	ug/L		04/13/21 10:56	
Tetrachloroethene	ND		1	2.0	0.36	ug/L		04/13/21 10:56	
Tetrahydrofuran	ND		1	5.0	1.3	ug/L		04/13/21 10:56	
Toluene	ND		1	2.0	0.51	ug/L		04/13/21 10:56	
trans-1,3-Dichloropropene	ND		1	2.0	0.37	ug/L		04/13/21 10:56	
trans-1,4-Dichloro-2-butene	ND		1	5.0	0.22	ug/L		04/13/21 10:56	
Trichloroethene	ND		1	2.0	0.46	ug/L		04/13/21 10:56	
Trichlorofluoromethane	ND		1	2.0	0.88	ug/L		04/13/21 10:56	
Vinyl acetate	ND		1	10	0.85	ug/L		04/13/21 10:56	

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-576090/7

Matrix: Water

Analysis Batch: 576090

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
Vinyl chloride	ND				1.0	0.90	ug/L			04/13/21 10:56	1
Xylenes, Total	ND				3.0	0.66	ug/L			04/13/21 10:56	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
	Result	Qualifer								
1,2-Dichloroethane-d4 (Surr)	99		77 - 120						04/13/21 10:56	1
4-Bromofluorobenzene (Surr)	102		73 - 120						04/13/21 10:56	1
Toluene-d8 (Surr)	103		80 - 120						04/13/21 10:56	1

Lab Sample ID: LCS 480-576090/5

Matrix: Water

Analysis Batch: 576090

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	MB	MB	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	%Rec.
	Result	Qualifer								
1,1-Dichloroethene			25.0	20.1		ug/L		81	66 - 127	
Benzene			25.0	21.9		ug/L		88	71 - 124	
Chlorobenzene			25.0	22.7		ug/L		91	80 - 120	
Toluene			25.0	23.0		ug/L		92	80 - 122	
Trichloroethene			25.0	21.6		ug/L		86	74 - 123	

Surrogate	MB	MB	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
	Result	Qualifer								
1,2-Dichloroethane-d4 (Surr)	96		77 - 120							
4-Bromofluorobenzene (Surr)	100		73 - 120							
Toluene-d8 (Surr)	103		80 - 120							

Lab Sample ID: MB 480-576094/7

Matrix: Water

Analysis Batch: 576094

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
1,1,1,2-Tetrachloroethane	ND				2.0	0.35	ug/L			04/13/21 11:14	1
1,1,1-Trichloroethane	ND				2.0	0.82	ug/L			04/13/21 11:14	1
1,1,2,2-Tetrachloroethane	ND				2.0	0.21	ug/L			04/13/21 11:14	1
1,1,2-Trichloroethane	ND				2.0	0.23	ug/L			04/13/21 11:14	1
1,1-Dichloroethane	ND				2.0	0.38	ug/L			04/13/21 11:14	1
1,1-Dichloroethene	ND				2.0	0.29	ug/L			04/13/21 11:14	1
1,2,3-Trichloropropane	ND				2.0	0.89	ug/L			04/13/21 11:14	1
1,2,4-Trichlorobenzene	ND				1.0	0.41	ug/L			04/13/21 11:14	1
1,2-Dichlorobenzene	ND				1.0	0.79	ug/L			04/13/21 11:14	1
1,2-Dichloroethane	ND				2.0	0.21	ug/L			04/13/21 11:14	1
1,2-Dichloroethene, Total	ND				2.0	0.81	ug/L			04/13/21 11:14	1
1,2-Dichloropropane	ND				2.0	0.72	ug/L			04/13/21 11:14	1
1,3-Dichlorobenzene	ND				1.0	0.78	ug/L			04/13/21 11:14	1
1,4-Dichlorobenzene	ND				1.0	0.84	ug/L			04/13/21 11:14	1
1,4-Dioxane	ND				40	9.3	ug/L			04/13/21 11:14	1
2-Butanone (MEK)	ND				10	1.3	ug/L			04/13/21 11:14	1
2-Hexanone	ND				10	1.2	ug/L			04/13/21 11:14	1
4-Methyl-2-pentanone (MIBK)	ND				10	2.1	ug/L			04/13/21 11:14	1
Acetone	ND				10	3.0	ug/L			04/13/21 11:14	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-576094/7

Matrix: Water

Analysis Batch: 576094

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier				
Acetonitrile	ND		170	4.9	ug/L	1
Acrolein	ND		20	0.91	ug/L	1
Acrylonitrile	ND		20	0.83	ug/L	1
Allyl chloride	ND		2.0	0.44	ug/L	1
Benzene	ND		2.0	0.41	ug/L	1
Bromodichloromethane	ND		2.0	0.39	ug/L	1
Bromoform	ND		2.0	0.26	ug/L	1
Bromomethane	ND		2.0	0.69	ug/L	1
Carbon disulfide	ND		2.0	0.19	ug/L	1
Carbon tetrachloride	ND		2.0	0.27	ug/L	1
Chlorobenzene	ND		2.0	0.75	ug/L	1
Chloroethane	ND		2.0	0.32	ug/L	1
Chloroform	ND		2.0	0.34	ug/L	1
Chloromethane	ND		2.0	0.35	ug/L	1
Chloroprene	ND		1.0	0.49	ug/L	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L	1
Dibromochloromethane	ND		2.0	0.32	ug/L	1
Dibromomethane	ND		2.0	0.41	ug/L	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L	1
Ethyl methacrylate	ND		2.0	0.59	ug/L	1
Ethylbenzene	ND		2.0	0.74	ug/L	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L	1
Iodomethane	ND		2.0	0.30	ug/L	1
Isobutyl alcohol	ND		1000	4.8	ug/L	1
Methacrylonitrile	ND		10	0.69	ug/L	1
Methyl methacrylate	ND		10	0.61	ug/L	1
Methylene Chloride	ND		2.0	0.44	ug/L	1
Naphthalene	ND		1.0	0.43	ug/L	1
Pentachloroethane	ND		1.0	0.34	ug/L	1
Propionitrile	ND		50	5.8	ug/L	1
Styrene	ND		2.0	0.73	ug/L	1
Tetrachloroethene	ND		2.0	0.36	ug/L	1
Tetrahydrofuran	ND		5.0	1.3	ug/L	1
Toluene	ND		2.0	0.51	ug/L	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L	1
Trichloroethene	ND		2.0	0.46	ug/L	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L	1
Vinyl acetate	ND		10	0.85	ug/L	1
Vinyl chloride	ND		1.0	0.90	ug/L	1
Xylenes, Total	ND		3.0	0.66	ug/L	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		04/13/21 11:14	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/13/21 11:14	1
Toluene-d8 (Surr)	101		80 - 120		04/13/21 11:14	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-576094/5

Matrix: Water

Analysis Batch: 576094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
1,1-Dichloroethene	25.0	24.8		ug/L		99	66 - 127
Benzene	25.0	26.8		ug/L		107	71 - 124
Chlorobenzene	25.0	27.1		ug/L		108	80 - 120
Toluene	25.0	26.2		ug/L		105	80 - 122
Trichloroethene	25.0	27.0		ug/L		108	74 - 123
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	100		77 - 120				
4-Bromofluorobenzene (Surr)	109		73 - 120				
Toluene-d8 (Surr)	105		80 - 120				

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-576039/1-A

Matrix: Water

Analysis Batch: 576048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576039

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/21 16:41	04/12/21 18:54	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/21 16:41	04/12/21 18:54	1

Lab Sample ID: LCS 480-576039/2-A

Matrix: Water

Analysis Batch: 576048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
1,2-Dibromoethane	0.109	0.0918		ug/L		84	46 - 150
1,2-Dibromo-3-Chloropropane	0.109	0.103		ug/L		94	43 - 150

Lab Sample ID: LCSD 480-576039/3-A

Matrix: Water

Analysis Batch: 576048

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 576039

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD
1,2-Dibromoethane	0.109	0.0931		ug/L		85	46 - 150	1
1,2-Dibromo-3-Chloropropane	0.109	0.107		ug/L		99	43 - 150	4

Lab Sample ID: MB 480-576493/1-A

Matrix: Water

Analysis Batch: 576543

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/15/21 15:05	04/15/21 20:16	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/15/21 15:05	04/15/21 20:16	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: LCS 480-576493/2-A

Matrix: Water

Analysis Batch: 576543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 576493

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
1,2-Dibromoethane	0.109	0.0887		ug/L		81	46 - 150		
1,2-Dibromo-3-Chloropropane	0.109	0.112		ug/L		103	43 - 150		

Lab Sample ID: LCSD 480-576493/3-A

Matrix: Water

Analysis Batch: 576543

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 576493

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
1,2-Dibromoethane	0.110	0.0931		ug/L		85	46 - 150	5	40
1,2-Dibromo-3-Chloropropane	0.110	0.112		ug/L		102	43 - 150	1	40

Lab Sample ID: MB 480-576519/1-A

Matrix: Water

Analysis Batch: 576543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 576519

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/15/21 16:58	04/16/21 04:33	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/15/21 16:58	04/16/21 04:33	1

Lab Sample ID: LCS 480-576519/2-A

Matrix: Water

Analysis Batch: 576543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 576519

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
1,2-Dibromoethane	0.108	0.0995		ug/L		92	46 - 150		
1,2-Dibromo-3-Chloropropane	0.108	0.115		ug/L		106	43 - 150		

Lab Sample ID: MB 480-576534/1-A

Matrix: Water

Analysis Batch: 576543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 576534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/15/21 17:35	04/16/21 12:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/15/21 17:35	04/16/21 12:29	1

Lab Sample ID: LCS 480-576534/2-A

Matrix: Water

Analysis Batch: 576543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 576534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
1,2-Dibromoethane	0.109	0.0998		ug/L		92	46 - 150		
1,2-Dibromo-3-Chloropropane	0.109	0.118		ug/L		108	43 - 150		

Lab Sample ID: LCSD 480-576534/3-A

Matrix: Water

Analysis Batch: 576543

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 576534

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
1,2-Dibromoethane	0.111	0.109		ug/L		98	46 - 150	8	40
1,2-Dibromo-3-Chloropropane	0.111	0.0874		ug/L		79	43 - 150	30	40

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-576915/1-A

Matrix: Water

Analysis Batch: 576903

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 576915

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/19/21 15:52	04/19/21 17:43	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/19/21 15:52	04/19/21 17:43	1

Lab Sample ID: LCS 480-576915/2-A

Matrix: Water

Analysis Batch: 576903

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 576915

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2-Dibromoethane	0.110	0.103		ug/L		93	46 - 150
1,2-Dibromo-3-Chloropropane	0.110	0.113		ug/L		102	43 - 150

Lab Sample ID: 480-183295-1 MS

Matrix: Water

Analysis Batch: 576903

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 576915

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,2-Dibromoethane	ND		0.110	0.0913		ug/L		83	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.110	0.110		ug/L		100	42 - 150

Lab Sample ID: 480-183295-1 MSD

Matrix: Water

Analysis Batch: 576903

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 576915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	RPD	Limit
1,2-Dibromoethane	ND		0.110	0.0778		ug/L		71	41 - 150	16	40
1,2-Dibromo-3-Chloropropane	ND		0.110	0.0890		ug/L		81	42 - 150	21	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-576174/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 576263

Prep Batch: 576174

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 17:26	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 17:26	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 17:26	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 17:26	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/21 15:12	04/14/21 17:26	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 17:26	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/21 15:12	04/14/21 17:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		19 - 120			
Tetrachloro-m-xylene	74		39 - 121			

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-576174/2-A

Matrix: Water

Analysis Batch: 576263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 576174

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
PCB-1016	4.00	3.97		ug/L		99	62 - 130
PCB-1260	4.00	4.09		ug/L		102	56 - 123
Surrogate	LCS %Recovery	LCS Qualifier	Limits				Limits
DCB Decachlorobiphenyl	62		19 - 120				
Tetrachloro-m-xylene	82		39 - 121				

Lab Sample ID: MB 480-576818/1-A

Matrix: Water

Analysis Batch: 577049

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 576818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/19/21 09:12	04/20/21 19:38	1
PCB-1221	ND		0.50	0.18	ug/L		04/19/21 09:12	04/20/21 19:38	1
PCB-1232	ND		0.50	0.18	ug/L		04/19/21 09:12	04/20/21 19:38	1
PCB-1242	ND		0.50	0.18	ug/L		04/19/21 09:12	04/20/21 19:38	1
PCB-1248	ND		0.50	0.18	ug/L		04/19/21 09:12	04/20/21 19:38	1
PCB-1254	ND		0.50	0.25	ug/L		04/19/21 09:12	04/20/21 19:38	1
PCB-1260	ND		0.50	0.25	ug/L		04/19/21 09:12	04/20/21 19:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		19 - 120				04/19/21 09:12	04/20/21 19:38	1
Tetrachloro-m-xylene	72		39 - 121				04/19/21 09:12	04/20/21 19:38	1

Lab Sample ID: LCS 480-576818/2-A

Matrix: Water

Analysis Batch: 577049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 576818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
PCB-1016	4.00	3.67		ug/L		92	62 - 130
PCB-1260	4.00	3.61		ug/L		90	56 - 123
Surrogate	LCS %Recovery	LCS Qualifier	Limits				Limits
DCB Decachlorobiphenyl	55		19 - 120				
Tetrachloro-m-xylene	82		39 - 121				

Lab Sample ID: MB 480-577074/1-A

Matrix: Water

Analysis Batch: 577645

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 577074

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 19:23	1
PCB-1221	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 19:23	1
PCB-1232	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 19:23	1
PCB-1242	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 19:23	1
PCB-1248	ND		0.50	0.18	ug/L		04/20/21 15:02	04/23/21 19:23	1
PCB-1254	ND		0.50	0.25	ug/L		04/20/21 15:02	04/23/21 19:23	1
PCB-1260	ND		0.50	0.25	ug/L		04/20/21 15:02	04/23/21 19:23	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		59			19 - 120	04/20/21 15:02	04/23/21 19:23	1
Tetrachloro-m-xylene		87			39 - 121	04/20/21 15:02	04/23/21 19:23	1

Lab Sample ID: LCS 480-577074/2-A

Matrix: Water

Analysis Batch: 577645

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 577074

Analyte	Spike Added	LC	LC	Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
PCB-1016	4.00	4.03		ug/L		101	62 - 130	
PCB-1260	4.00	3.74		ug/L		93	56 - 123	

Surrogate	LC	LC	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	55		19 - 120
Tetrachloro-m-xylene	85		39 - 121

Lab Sample ID: LCSD 480-577074/3-A

Matrix: Water

Analysis Batch: 577645

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 577074

Analyte	Spikes	LCSD	LCSD	Unit	D	%Rec	Limits	RPD
	Added	Result	Qualifier					
PCB-1016	4.00	3.98		ug/L		100	62 - 130	1
PCB-1260	4.00	3.70		ug/L		92	56 - 123	1

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	52		19 - 120
Tetrachloro-m-xylene	84		39 - 121

Lab Sample ID: MB 480-577165/1-A

Matrix: Water

Analysis Batch: 577479

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 577165

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016		ND			0.50	0.18	ug/L		04/21/21 08:49	04/23/21 08:24	1
PCB-1221		ND			0.50	0.18	ug/L		04/21/21 08:49	04/23/21 08:24	1
PCB-1232		ND			0.50	0.18	ug/L		04/21/21 08:49	04/23/21 08:24	1
PCB-1242		ND			0.50	0.18	ug/L		04/21/21 08:49	04/23/21 08:24	1
PCB-1248		ND			0.50	0.18	ug/L		04/21/21 08:49	04/23/21 08:24	1
PCB-1254		ND			0.50	0.25	ug/L		04/21/21 08:49	04/23/21 08:24	1
PCB-1260		ND			0.50	0.25	ug/L		04/21/21 08:49	04/23/21 08:24	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl		61			19 - 120
Tetrachloro-m-xylene		93			39 - 121

Lab Sample ID: LCS 480-577165/2-A

Matrix: Water

Analysis Batch: 577479

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 577165

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	%Rec	Limits	Dil Fac
PCB-1016		4.00	4.39		0.50	0.18	ug/L		110	62 - 130	
PCB-1260		4.00	4.00		0.50	0.25	ug/L		100	56 - 123	

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	53		19 - 120
Tetrachloro-m-xylene	95		39 - 121

Lab Sample ID: MB 480-577670/1-A

Matrix: Water

Analysis Batch: 578407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 577670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 19:43	1
PCB-1221	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 19:43	1
PCB-1232	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 19:43	1
PCB-1242	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 19:43	1
PCB-1248	ND		0.50	0.18	ug/L		04/23/21 15:05	04/28/21 19:43	1
PCB-1254	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 19:43	1
PCB-1260	ND		0.50	0.25	ug/L		04/23/21 15:05	04/28/21 19:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		19 - 120	04/23/21 15:05	04/28/21 19:43	1
Tetrachloro-m-xylene	68		39 - 121	04/23/21 15:05	04/28/21 19:43	1

Lab Sample ID: LCS 480-577670/2-A

Matrix: Water

Analysis Batch: 578407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 577670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
PCB-1016	4.00	3.64		ug/L		91	62 - 130
PCB-1260	4.00	3.25		ug/L		81	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	47		19 - 120
Tetrachloro-m-xylene	80		39 - 121

Lab Sample ID: 480-183295-1 MS

Matrix: Water

Analysis Batch: 578407

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 577670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
PCB-1016	ND		4.00	3.07		ug/L		77	28 - 150
PCB-1260	ND		4.00	2.89		ug/L		72	25 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	48		19 - 120
Tetrachloro-m-xylene	67		39 - 121

Lab Sample ID: 480-183295-1 MSD

Matrix: Water

Analysis Batch: 578407

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 577670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD
PCB-1016	ND		4.00	3.37		ug/L		84	28 - 150	9	50
PCB-1260	ND		4.00	3.20		ug/L		80	25 - 131	10	50

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MSD	MSD	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	52		52		19 - 120
Tetrachloro-m-xylene	76		76		39 - 121

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-576480/51 Matrix: Water Analysis Batch: 576480	Client Sample ID: Method Blank Prep Type: Total/NA
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Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND				1.0	0.43	mg/L			04/14/21 18:28	1

Lab Sample ID: LCS 480-576480/52 Matrix: Water Analysis Batch: 576480	Client Sample ID: Lab Control Sample Prep Type: Total/NA
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Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec.	Limits	Dil Fac
	Added									
Total Organic Carbon	60.0			59.23		mg/L		99	90 - 110	

Lab Sample ID: MB 480-576644/4 Matrix: Water Analysis Batch: 576644	Client Sample ID: Method Blank Prep Type: Total/NA
---	---

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND				1.0	0.43	mg/L			04/14/21 20:34	1

Lab Sample ID: LCS 480-576644/5 Matrix: Water Analysis Batch: 576644	Client Sample ID: Lab Control Sample Prep Type: Total/NA
--	---

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec.	Limits	Dil Fac
	Added									
Total Organic Carbon	60.0			56.30		mg/L		94	90 - 110	

Lab Sample ID: MB 480-577026/27 Matrix: Water Analysis Batch: 577026	Client Sample ID: Method Blank Prep Type: Total/NA
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Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND				1.0	0.43	mg/L			04/17/21 07:47	1

Lab Sample ID: MB 480-577026/4 Matrix: Water Analysis Batch: 577026	Client Sample ID: Method Blank Prep Type: Total/NA
---	---

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND				1.0	0.43	mg/L			04/16/21 19:48	1

Lab Sample ID: MB 480-577026/51 Matrix: Water Analysis Batch: 577026	Client Sample ID: Method Blank Prep Type: Total/NA
--	---

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND				1.0	0.43	mg/L			04/17/21 19:50	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 480-577026/28

Matrix: Water

Analysis Batch: 577026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	56.19		mg/L	94		90 - 110

Lab Sample ID: LCS 480-577026/5

Matrix: Water

Analysis Batch: 577026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	56.12		mg/L	94		90 - 110

Lab Sample ID: LCS 480-577026/52

Matrix: Water

Analysis Batch: 577026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	55.82		mg/L	93		90 - 110

Lab Sample ID: 480-183178-2 MS

Matrix: Water

Analysis Batch: 577026

Client Sample ID: U-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	1.5		23.3	26.27		mg/L	107		54 - 131

Lab Sample ID: 480-183178-8 MS

Matrix: Water

Analysis Batch: 577026

Client Sample ID: U-21A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	1.6		23.3	26.12		mg/L	106		54 - 131

Lab Sample ID: 480-183178-16 MS

Matrix: Water

Analysis Batch: 577026

Client Sample ID: U-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	0.83	J	23.3	24.68		mg/L	103		54 - 131

Lab Sample ID: 480-183178-22 MS

Matrix: Water

Analysis Batch: 577026

Client Sample ID: U-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	2.7		23.3	26.53		mg/L	102		54 - 131

Lab Sample ID: 480-183178-3 DU

Matrix: Water

Analysis Batch: 577026

Client Sample ID: U-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Organic Carbon	1.1		1.09		mg/L		0.3	20

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-183178-9 DU

Matrix: Water

Analysis Batch: 577026

Client Sample ID: U-22
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Organic Carbon	3.3		3.22		mg/L		1	20

Lab Sample ID: 480-183178-17 DU

Matrix: Water

Analysis Batch: 577026

Client Sample ID: U-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Organic Carbon	1.1		1.14		mg/L		0.2	20

Lab Sample ID: 480-183178-23 DU

Matrix: Water

Analysis Batch: 577026

Client Sample ID: DUP TSCA 3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Organic Carbon	2.8		2.70		mg/L		3	20

Lab Sample ID: MB 480-577605/4

Matrix: Water

Analysis Batch: 577605

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/21/21 17:49	1

Lab Sample ID: MB 480-577605/51

Matrix: Water

Analysis Batch: 577605

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/22/21 16:48	1

Lab Sample ID: LCS 480-577605/5

Matrix: Water

Analysis Batch: 577605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	59.18		mg/L		99	90 - 110

Lab Sample ID: LCS 480-577605/52

Matrix: Water

Analysis Batch: 577605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	59.32		mg/L		99	90 - 110

Lab Sample ID: MB 480-577779/4

Matrix: Water

Analysis Batch: 577779

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/22/21 19:56	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: LCS 480-577779/5

Matrix: Water

Analysis Batch: 577779

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
Total Organic Carbon	60.0	57.80		mg/L	96		90 - 110

Lab Sample ID: 480-183293-5 MS

Matrix: Water

Analysis Batch: 577779

Client Sample ID: C-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
Total Organic Carbon	11.1		23.3	35.76		mg/L	106		54 - 131

Lab Sample ID: 480-183295-1 MS

Matrix: Water

Analysis Batch: 577779

Client Sample ID: U-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
Total Organic Carbon	2.5		23.3	27.28		mg/L	107		54 - 131

Lab Sample ID: 480-183295-1 MSD

Matrix: Water

Analysis Batch: 577779

Client Sample ID: U-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD
Total Organic Carbon	2.5		23.3	26.78		mg/L	105		54 - 131	2

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

GC/MS VOA

Analysis Batch: 576027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183175-1	LD-1	Total/NA	Water	8260C	1
480-183175-2	LD-2	Total/NA	Water	8260C	2
MB 480-576027/8	Method Blank	Total/NA	Water	8260C	3
LCS 480-576027/6	Lab Control Sample	Total/NA	Water	8260C	4

Analysis Batch: 576090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183175-3	LD-4	Total/NA	Water	8260C	5
480-183175-4	LD-3	Total/NA	Water	8260C	6
480-183178-1	U-14	Total/NA	Water	8260C	7
480-183178-2	U-19	Total/NA	Water	8260C	8
480-183178-3	U-20	Total/NA	Water	8260C	9
480-183178-4	U-25	Total/NA	Water	8260C	10
480-183178-5	U-26	Total/NA	Water	8260C	11
480-183178-6	DUP TSCA 1	Total/NA	Water	8260C	12
480-183178-7	U-21	Total/NA	Water	8260C	13
480-183178-8	U-21A	Total/NA	Water	8260C	14
480-183178-9	U-22	Total/NA	Water	8260C	15
480-183178-10	U-22A	Total/NA	Water	8260C	16
480-183178-11	U-23	Total/NA	Water	8260C	
480-183178-12	U-24	Total/NA	Water	8260C	
480-183178-13	U-16	Total/NA	Water	8260C	
480-183178-14	U-18	Total/NA	Water	8260C	
MB 480-576090/7	Method Blank	Total/NA	Water	8260C	
LCS 480-576090/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 576094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-15	U-15	Total/NA	Water	8260C	1
480-183178-16	U-17	Total/NA	Water	8260C	2
480-183178-17	U-13	Total/NA	Water	8260C	3
480-183178-18	DUP TSCA #2	Total/NA	Water	8260C	4
480-183178-19	U-10	Total/NA	Water	8260C	5
480-183178-20	U-11	Total/NA	Water	8260C	6
480-183178-21	U-12	Total/NA	Water	8260C	7
480-183178-22	U-4	Total/NA	Water	8260C	8
480-183178-23	DUP TSCA 3	Total/NA	Water	8260C	9
480-183178-24	FIELD BLANK TSCA	Total/NA	Water	8260C	10
480-183178-25	TRIP BLANK	Total/NA	Water	8260C	11
MB 480-576094/7	Method Blank	Total/NA	Water	8260C	12
LCS 480-576094/5	Lab Control Sample	Total/NA	Water	8260C	13

GC Semi VOA

Prep Batch: 576039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183175-1	LD-1	Total/NA	Water	8011	1
480-183175-2	LD-2	Total/NA	Water	8011	2
480-183175-3	LD-4	Total/NA	Water	8011	3
480-183175-4	LD-3	Total/NA	Water	8011	4
MB 480-576039/1-A	Method Blank	Total/NA	Water	8011	5

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

GC Semi VOA (Continued)

Prep Batch: 576039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-576039/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-576039/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 576048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183175-1	LD-1	Total/NA	Water	8011	576039
480-183175-2	LD-2	Total/NA	Water	8011	576039
480-183175-3	LD-4	Total/NA	Water	8011	576039
480-183175-4	LD-3	Total/NA	Water	8011	576039
MB 480-576039/1-A	Method Blank	Total/NA	Water	8011	576039
LCS 480-576039/2-A	Lab Control Sample	Total/NA	Water	8011	576039
LCSD 480-576039/3-A	Lab Control Sample Dup	Total/NA	Water	8011	576039

Prep Batch: 576174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183175-1	LD-1	Total/NA	Water	3510C	
480-183175-2	LD-2	Total/NA	Water	3510C	
480-183175-3	LD-4	Total/NA	Water	3510C	
480-183175-4	LD-3	Total/NA	Water	3510C	
MB 480-576174/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-576174/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 576263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183175-1	LD-1	Total/NA	Water	8082A	576174
480-183175-2	LD-2	Total/NA	Water	8082A	576174
480-183175-3	LD-4	Total/NA	Water	8082A	576174
480-183175-4	LD-3	Total/NA	Water	8082A	576174
MB 480-576174/1-A	Method Blank	Total/NA	Water	8082A	576174
LCS 480-576174/2-A	Lab Control Sample	Total/NA	Water	8082A	576174

Prep Batch: 576493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-5	U-26	Total/NA	Water	8011	
480-183178-7	U-21	Total/NA	Water	8011	
480-183178-8	U-21A	Total/NA	Water	8011	
480-183178-9	U-22	Total/NA	Water	8011	
480-183178-10	U-22A	Total/NA	Water	8011	
480-183178-11	U-23	Total/NA	Water	8011	
480-183178-12	U-24	Total/NA	Water	8011	
480-183178-13	U-16	Total/NA	Water	8011	
480-183178-14	U-18	Total/NA	Water	8011	
480-183178-15	U-15	Total/NA	Water	8011	
480-183178-16	U-17	Total/NA	Water	8011	
MB 480-576493/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-576493/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-576493/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Prep Batch: 576519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-17	U-13	Total/NA	Water	8011	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

GC Semi VOA (Continued)

Prep Batch: 576519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-18	DUP TSCA #2	Total/NA	Water	8011	
480-183178-19	U-10	Total/NA	Water	8011	
480-183178-20	U-11	Total/NA	Water	8011	
480-183178-21	U-12	Total/NA	Water	8011	
480-183178-22	U-4	Total/NA	Water	8011	
MB 480-576519/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-576519/2-A	Lab Control Sample	Total/NA	Water	8011	

Prep Batch: 576534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-1	U-14	Total/NA	Water	8011	
480-183178-2	U-19	Total/NA	Water	8011	
480-183178-3	U-20	Total/NA	Water	8011	
480-183178-4	U-25	Total/NA	Water	8011	
480-183178-6	DUP TSCA 1	Total/NA	Water	8011	
MB 480-576534/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-576534/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-576534/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 576543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-1	U-14	Total/NA	Water	8011	576534
480-183178-2	U-19	Total/NA	Water	8011	576534
480-183178-3	U-20	Total/NA	Water	8011	576534
480-183178-4	U-25	Total/NA	Water	8011	576534
480-183178-5	U-26	Total/NA	Water	8011	576493
480-183178-6	DUP TSCA 1	Total/NA	Water	8011	576534
480-183178-7	U-21	Total/NA	Water	8011	576493
480-183178-8	U-21A	Total/NA	Water	8011	576493
480-183178-9	U-22	Total/NA	Water	8011	576493
480-183178-10	U-22A	Total/NA	Water	8011	576493
480-183178-11	U-23	Total/NA	Water	8011	576493
480-183178-12	U-24	Total/NA	Water	8011	576493
480-183178-13	U-16	Total/NA	Water	8011	576493
480-183178-14	U-18	Total/NA	Water	8011	576493
480-183178-15	U-15	Total/NA	Water	8011	576493
480-183178-16	U-17	Total/NA	Water	8011	576493
480-183178-17	U-13	Total/NA	Water	8011	576519
480-183178-18	DUP TSCA #2	Total/NA	Water	8011	576519
480-183178-19	U-10	Total/NA	Water	8011	576519
480-183178-20	U-11	Total/NA	Water	8011	576519
480-183178-21	U-12	Total/NA	Water	8011	576519
480-183178-22	U-4	Total/NA	Water	8011	576519
MB 480-576493/1-A	Method Blank	Total/NA	Water	8011	576493
MB 480-576519/1-A	Method Blank	Total/NA	Water	8011	576519
MB 480-576534/1-A	Method Blank	Total/NA	Water	8011	576534
LCS 480-576493/2-A	Lab Control Sample	Total/NA	Water	8011	576493
LCS 480-576519/2-A	Lab Control Sample	Total/NA	Water	8011	576519
LCS 480-576534/2-A	Lab Control Sample	Total/NA	Water	8011	576534
LCSD 480-576493/3-A	Lab Control Sample Dup	Total/NA	Water	8011	576493
LCSD 480-576534/3-A	Lab Control Sample Dup	Total/NA	Water	8011	576534

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

GC Semi VOA

Prep Batch: 576818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-1	U-14	Total/NA	Water	3510C	1
480-183178-2	U-19	Total/NA	Water	3510C	2
480-183178-3	U-20	Total/NA	Water	3510C	3
480-183178-4	U-25	Total/NA	Water	3510C	4
480-183178-5	U-26	Total/NA	Water	3510C	5
480-183178-6	DUP TSCA 1	Total/NA	Water	3510C	6
480-183178-7	U-21	Total/NA	Water	3510C	7
480-183178-8	U-21A	Total/NA	Water	3510C	8
480-183178-9	U-22	Total/NA	Water	3510C	9
480-183178-10	U-22A	Total/NA	Water	3510C	10
480-183178-11	U-23	Total/NA	Water	3510C	11
480-183178-12	U-24	Total/NA	Water	3510C	12
480-183178-13	U-16	Total/NA	Water	3510C	13
480-183178-14	U-18	Total/NA	Water	3510C	14
480-183178-15	U-15	Total/NA	Water	3510C	
480-183178-16	U-17	Total/NA	Water	3510C	
480-183178-17	U-13	Total/NA	Water	3510C	
480-183178-18	DUP TSCA #2	Total/NA	Water	3510C	
MB 480-576818/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-576818/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 576903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-23	DUP TSCA 3	Total/NA	Water	8011	576915
480-183178-24	FIELD BLANK TSCA	Total/NA	Water	8011	576915
480-183293-1	C-2	Total/NA	Water	8011	576915
480-183293-2	C-10	Total/NA	Water	8011	576915
480-183293-3	C-12	Total/NA	Water	8011	576915
480-183293-4	C-6	Total/NA	Water	8011	576915
480-183293-5	C-9	Total/NA	Water	8011	576915
480-183295-1	U-6	Total/NA	Water	8011	576915
480-183295-2	U-5	Total/NA	Water	8011	576915
480-183295-3	U-3	Total/NA	Water	8011	576915
MB 480-576915/1-A	Method Blank	Total/NA	Water	8011	576915
LCS 480-576915/2-A	Lab Control Sample	Total/NA	Water	8011	576915
480-183295-1 MS	U-6	Total/NA	Water	8011	576915
480-183295-1 MSD	U-6	Total/NA	Water	8011	576915

Prep Batch: 576915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-23	DUP TSCA 3	Total/NA	Water	8011	
480-183178-24	FIELD BLANK TSCA	Total/NA	Water	8011	
480-183293-1	C-2	Total/NA	Water	8011	
480-183293-2	C-10	Total/NA	Water	8011	
480-183293-3	C-12	Total/NA	Water	8011	
480-183293-4	C-6	Total/NA	Water	8011	
480-183293-5	C-9	Total/NA	Water	8011	
480-183295-1	U-6	Total/NA	Water	8011	
480-183295-2	U-5	Total/NA	Water	8011	
480-183295-3	U-3	Total/NA	Water	8011	
MB 480-576915/1-A	Method Blank	Total/NA	Water	8011	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

GC Semi VOA (Continued)

Prep Batch: 576915 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-576915/2-A	Lab Control Sample	Total/NA	Water	8011	
480-183295-1 MS	U-6	Total/NA	Water	8011	
480-183295-1 MSD	U-6	Total/NA	Water	8011	

Analysis Batch: 577049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-1	U-14	Total/NA	Water	8082A	576818
480-183178-2	U-19	Total/NA	Water	8082A	576818
480-183178-3	U-20	Total/NA	Water	8082A	576818
480-183178-4	U-25	Total/NA	Water	8082A	576818
480-183178-5	U-26	Total/NA	Water	8082A	576818
480-183178-6	DUP TSCA 1	Total/NA	Water	8082A	576818
480-183178-7	U-21	Total/NA	Water	8082A	576818
480-183178-8	U-21A	Total/NA	Water	8082A	576818
480-183178-9	U-22	Total/NA	Water	8082A	576818
480-183178-10	U-22A	Total/NA	Water	8082A	576818
480-183178-11	U-23	Total/NA	Water	8082A	576818
480-183178-12	U-24	Total/NA	Water	8082A	576818
480-183178-13	U-16	Total/NA	Water	8082A	576818
480-183178-16	U-17	Total/NA	Water	8082A	576818
480-183178-17	U-13	Total/NA	Water	8082A	576818
MB 480-576818/1-A	Method Blank	Total/NA	Water	8082A	576818
LCS 480-576818/2-A	Lab Control Sample	Total/NA	Water	8082A	576818

Prep Batch: 577074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-20	U-11	Total/NA	Water	3510C	
480-183178-22	U-4	Total/NA	Water	3510C	
480-183178-24	FIELD BLANK TSCA	Total/NA	Water	3510C	
MB 480-577074/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-577074/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-577074/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 577165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-19	U-10	Total/NA	Water	3510C	
480-183178-21	U-12	Total/NA	Water	3510C	
480-183178-23	DUP TSCA 3	Total/NA	Water	3510C	
MB 480-577165/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-577165/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 577242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-14	U-18	Total/NA	Water	8082A	576818
480-183178-15	U-15	Total/NA	Water	8082A	576818
480-183178-18	DUP TSCA #2	Total/NA	Water	8082A	576818

Analysis Batch: 577479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-19	U-10	Total/NA	Water	8082A	577165
480-183178-21	U-12	Total/NA	Water	8082A	577165

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

GC Semi VOA (Continued)

Analysis Batch: 577479 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-23	DUP TSCA 3	Total/NA	Water	8082A	577165
MB 480-577165/1-A	Method Blank	Total/NA	Water	8082A	577165
LCS 480-577165/2-A	Lab Control Sample	Total/NA	Water	8082A	577165

Analysis Batch: 577645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-20	U-11	Total/NA	Water	8082A	577074
480-183178-22	U-4	Total/NA	Water	8082A	577074
480-183178-24	FIELD BLANK TSCA	Total/NA	Water	8082A	577074
MB 480-577074/1-A	Method Blank	Total/NA	Water	8082A	577074
LCS 480-577074/2-A	Lab Control Sample	Total/NA	Water	8082A	577074
LCSD 480-577074/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	577074

Prep Batch: 577670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183293-1	C-2	Total/NA	Water	3510C	11
480-183293-2	C-10	Total/NA	Water	3510C	12
480-183293-3	C-12	Total/NA	Water	3510C	13
480-183293-4	C-6	Total/NA	Water	3510C	14
480-183293-5	C-9	Total/NA	Water	3510C	15
480-183295-1	U-6	Total/NA	Water	3510C	16
480-183295-2	U-5	Total/NA	Water	3510C	
480-183295-3	U-3	Total/NA	Water	3510C	
MB 480-577670/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-577670/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-183295-1 MS	U-6	Total/NA	Water	3510C	
480-183295-1 MSD	U-6	Total/NA	Water	3510C	

Analysis Batch: 578407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183293-1	C-2	Total/NA	Water	8082A	577670
480-183293-2	C-10	Total/NA	Water	8082A	577670
480-183293-3	C-12	Total/NA	Water	8082A	577670
480-183293-4	C-6	Total/NA	Water	8082A	577670
480-183293-5	C-9	Total/NA	Water	8082A	577670
480-183295-1	U-6	Total/NA	Water	8082A	577670
480-183295-2	U-5	Total/NA	Water	8082A	577670
480-183295-3	U-3	Total/NA	Water	8082A	577670
MB 480-577670/1-A	Method Blank	Total/NA	Water	8082A	577670
LCS 480-577670/2-A	Lab Control Sample	Total/NA	Water	8082A	577670
480-183295-1 MS	U-6	Total/NA	Water	8082A	577670
480-183295-1 MSD	U-6	Total/NA	Water	8082A	577670

General Chemistry

Analysis Batch: 576480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183175-1	LD-1	Total/NA	Water	9060A	
480-183175-2	LD-2	Total/NA	Water	9060A	
480-183175-3	LD-4	Total/NA	Water	9060A	
480-183175-4	LD-3	Total/NA	Water	9060A	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

General Chemistry (Continued)

Analysis Batch: 576480 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-576480/51	Method Blank	Total/NA	Water	9060A	
LCS 480-576480/52	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 576644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-1	U-14	Total/NA	Water	9060A	
MB 480-576644/4	Method Blank	Total/NA	Water	9060A	
LCS 480-576644/5	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 577026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-2	U-19	Total/NA	Water	9060A	
480-183178-3	U-20	Total/NA	Water	9060A	
480-183178-4	U-25	Total/NA	Water	9060A	
480-183178-5	U-26	Total/NA	Water	9060A	
480-183178-6	DUP TSCA 1	Total/NA	Water	9060A	
480-183178-7	U-21	Total/NA	Water	9060A	
480-183178-8	U-21A	Total/NA	Water	9060A	
480-183178-9	U-22	Total/NA	Water	9060A	
480-183178-10	U-22A	Total/NA	Water	9060A	
480-183178-11	U-23	Total/NA	Water	9060A	
480-183178-12	U-24	Total/NA	Water	9060A	
480-183178-13	U-16	Total/NA	Water	9060A	
480-183178-14	U-18	Total/NA	Water	9060A	
480-183178-15	U-15	Total/NA	Water	9060A	
480-183178-16	U-17	Total/NA	Water	9060A	
480-183178-17	U-13	Total/NA	Water	9060A	
480-183178-18	DUP TSCA #2	Total/NA	Water	9060A	
480-183178-19	U-10	Total/NA	Water	9060A	
480-183178-20	U-11	Total/NA	Water	9060A	
480-183178-21	U-12	Total/NA	Water	9060A	
480-183178-22	U-4	Total/NA	Water	9060A	
480-183178-23	DUP TSCA 3	Total/NA	Water	9060A	
480-183178-24	FIELD BLANK TSCA	Total/NA	Water	9060A	
MB 480-577026/27	Method Blank	Total/NA	Water	9060A	
MB 480-577026/4	Method Blank	Total/NA	Water	9060A	
MB 480-577026/51	Method Blank	Total/NA	Water	9060A	
LCS 480-577026/28	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-577026/5	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-577026/52	Lab Control Sample	Total/NA	Water	9060A	
480-183178-2 MS	U-19	Total/NA	Water	9060A	
480-183178-8 MS	U-21A	Total/NA	Water	9060A	
480-183178-16 MS	U-17	Total/NA	Water	9060A	
480-183178-22 MS	U-4	Total/NA	Water	9060A	
480-183178-3 DU	U-20	Total/NA	Water	9060A	
480-183178-9 DU	U-22	Total/NA	Water	9060A	
480-183178-17 DU	U-13	Total/NA	Water	9060A	
480-183178-23 DU	DUP TSCA 3	Total/NA	Water	9060A	

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

General Chemistry

Analysis Batch: 577605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183293-1	C-2	Total/NA	Water	9060A	
480-183293-2	C-10	Total/NA	Water	9060A	
480-183293-3	C-12	Total/NA	Water	9060A	
MB 480-577605/4	Method Blank	Total/NA	Water	9060A	
MB 480-577605/51	Method Blank	Total/NA	Water	9060A	
LCS 480-577605/5	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-577605/52	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 577779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183293-4	C-6	Total/NA	Water	9060A	
480-183293-5	C-9	Total/NA	Water	9060A	
480-183295-1	U-6	Total/NA	Water	9060A	
480-183295-2	U-5	Total/NA	Water	9060A	
480-183295-3	U-3	Total/NA	Water	9060A	
MB 480-577779/4	Method Blank	Total/NA	Water	9060A	
LCS 480-577779/5	Lab Control Sample	Total/NA	Water	9060A	
480-183293-5 MS	C-9	Total/NA	Water	9060A	
480-183295-1 MS	U-6	Total/NA	Water	9060A	
480-183295-1 MSD	U-6	Total/NA	Water	9060A	

Field Service / Mobile Lab

Analysis Batch: 577205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183175-1	LD-1	Total/NA	Water	Field Sampling	
480-183175-2	LD-2	Total/NA	Water	Field Sampling	
480-183175-3	LD-4	Total/NA	Water	Field Sampling	
480-183175-4	LD-3	Total/NA	Water	Field Sampling	
480-183178-1	U-14	Total/NA	Water	Field Sampling	
480-183178-2	U-19	Total/NA	Water	Field Sampling	
480-183178-3	U-20	Total/NA	Water	Field Sampling	
480-183178-4	U-25	Total/NA	Water	Field Sampling	
480-183178-5	U-26	Total/NA	Water	Field Sampling	
480-183178-6	DUP TSCA 1	Total/NA	Water	Field Sampling	
480-183178-7	U-21	Total/NA	Water	Field Sampling	
480-183178-8	U-21A	Total/NA	Water	Field Sampling	
480-183178-9	U-22	Total/NA	Water	Field Sampling	
480-183178-10	U-22A	Total/NA	Water	Field Sampling	
480-183178-11	U-23	Total/NA	Water	Field Sampling	
480-183178-12	U-24	Total/NA	Water	Field Sampling	
480-183178-13	U-16	Total/NA	Water	Field Sampling	
480-183178-14	U-18	Total/NA	Water	Field Sampling	
480-183178-15	U-15	Total/NA	Water	Field Sampling	
480-183178-16	U-17	Total/NA	Water	Field Sampling	
480-183178-17	U-13	Total/NA	Water	Field Sampling	
480-183178-18	DUP TSCA #2	Total/NA	Water	Field Sampling	
480-183178-19	U-10	Total/NA	Water	Field Sampling	
480-183178-20	U-11	Total/NA	Water	Field Sampling	
480-183178-21	U-12	Total/NA	Water	Field Sampling	
480-183178-22	U-4	Total/NA	Water	Field Sampling	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 577205 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183178-23	DUP TSCA 3	Total/NA	Water	Field Sampling	
480-183178-24	FIELD BLANK TSCA	Total/NA	Water	Field Sampling	

Analysis Batch: 577377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183293-1	C-2	Total/NA	Water	Field Sampling	
480-183293-2	C-10	Total/NA	Water	Field Sampling	
480-183293-3	C-12	Total/NA	Water	Field Sampling	
480-183293-4	C-6	Total/NA	Water	Field Sampling	
480-183293-5	C-9	Total/NA	Water	Field Sampling	

Analysis Batch: 577532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183295-1	U-6	Total/NA	Water	Field Sampling	
480-183295-2	U-5	Total/NA	Water	Field Sampling	
480-183295-3	U-3	Total/NA	Water	Field Sampling	
480-183295-1 MS	U-6	Total/NA	Water	Field Sampling	
480-183295-1 MSD	U-6	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-1

Date Collected: 04/05/21 17:15

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576027	04/13/21 04:37	CRL	TAL BUF
Total/NA	Prep	8011			576039	04/12/21 16:41	DSC	TAL BUF
Total/NA	Analysis	8011		1	576048	04/12/21 23:32	DSC	TAL BUF
Total/NA	Prep	3510C			576174	04/13/21 15:12	ATG	TAL BUF
Total/NA	Analysis	8082A		1	576263	04/14/21 21:24	DSC	TAL BUF
Total/NA	Analysis	9060A		1	576480	04/14/21 22:18	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 17:15	FLD	TAL BUF

Client Sample ID: LD-2

Date Collected: 04/05/21 17:23

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576027	04/13/21 04:59	CRL	TAL BUF
Total/NA	Prep	8011			576039	04/12/21 16:41	DSC	TAL BUF
Total/NA	Analysis	8011		1	576048	04/12/21 23:52	DSC	TAL BUF
Total/NA	Prep	3510C			576174	04/13/21 15:12	ATG	TAL BUF
Total/NA	Analysis	8082A		1	576263	04/14/21 21:40	DSC	TAL BUF
Total/NA	Analysis	9060A		1	576480	04/14/21 22:46	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 17:23	FLD	TAL BUF

Client Sample ID: LD-4

Date Collected: 04/06/21 08:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 13:03	LCH	TAL BUF
Total/NA	Prep	8011			576039	04/12/21 16:41	DSC	TAL BUF
Total/NA	Analysis	8011		1	576048	04/13/21 00:11	DSC	TAL BUF
Total/NA	Prep	3510C			576174	04/13/21 15:12	ATG	TAL BUF
Total/NA	Analysis	8082A		1	576263	04/14/21 21:56	DSC	TAL BUF
Total/NA	Analysis	9060A		1	576480	04/15/21 04:05	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 08:00	FLD	TAL BUF

Client Sample ID: LD-3

Date Collected: 04/06/21 09:38

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 13:26	LCH	TAL BUF
Total/NA	Prep	8011			576039	04/12/21 16:41	DSC	TAL BUF
Total/NA	Analysis	8011		1	576048	04/13/21 00:31	DSC	TAL BUF
Total/NA	Prep	3510C			576174	04/13/21 15:12	ATG	TAL BUF
Total/NA	Analysis	8082A		1	576263	04/14/21 22:12	DSC	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-3

Date Collected: 04/06/21 09:38

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183175-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	576480	04/15/21 04:33	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 09:38	FLD	TAL BUF

Client Sample ID: U-14

Date Collected: 04/06/21 08:34

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 13:47	LCH	TAL BUF
Total/NA	Prep	8011			576534	04/15/21 17:36	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 13:29	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 04:38	DSC	TAL BUF
Total/NA	Analysis	9060A		1	576644	04/15/21 06:14	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 08:34	FLD	TAL BUF

Client Sample ID: U-19

Date Collected: 04/06/21 11:04

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 14:09	LCH	TAL BUF
Total/NA	Prep	8011			576534	04/15/21 17:36	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 13:49	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 04:54	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/16/21 21:49	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 11:04	FLD	TAL BUF

Client Sample ID: U-20

Date Collected: 04/06/21 11:25

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 14:31	LCH	TAL BUF
Total/NA	Prep	8011			576534	04/15/21 17:36	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 14:28	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 05:10	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/16/21 22:48	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 11:25	FLD	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-25

Date Collected: 04/06/21 10:15

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 14:53	LCH	TAL BUF
Total/NA	Prep	8011			576534	04/15/21 17:36	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 14:48	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 05:26	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/16/21 23:47	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 10:15	FLD	TAL BUF

Client Sample ID: U-26

Date Collected: 04/05/21 17:52

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 15:15	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/15/21 21:16	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 05:41	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 00:17	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 17:52	FLD	TAL BUF

Client Sample ID: DUP TSCA 1

Date Collected: 04/06/21 10:15

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 15:37	LCH	TAL BUF
Total/NA	Prep	8011			576534	04/15/21 17:36	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 15:08	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 05:57	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 03:46	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 10:15	FLD	TAL BUF

Client Sample ID: U-21

Date Collected: 04/05/21 14:38

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 15:59	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/15/21 21:36	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 06:13	DSC	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Date Collected: 04/05/21 14:38

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	577026	04/17/21 04:16	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 14:38	FLD	TAL BUF

Client Sample ID: U-21A

Date Collected: 04/05/21 13:52

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 16:21	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/15/21 21:56	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 06:29	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 01:47	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 13:52	FLD	TAL BUF

Client Sample ID: U-22

Date Collected: 04/05/21 15:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 16:43	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/15/21 22:16	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 06:45	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 02:46	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 15:00	FLD	TAL BUF

Client Sample ID: U-22A

Date Collected: 04/05/21 13:30

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 17:05	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/15/21 22:35	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 07:01	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 04:45	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 13:30	FLD	TAL BUF

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-23

Lab Sample ID: 480-183178-11

Matrix: Water

Date Collected: 04/05/21 15:56

Date Received: 04/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 17:27	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/15/21 22:55	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 07:16	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 05:15	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 15:56	FLD	TAL BUF

Client Sample ID: U-24

Lab Sample ID: 480-183178-12

Matrix: Water

Date Collected: 04/05/21 16:17

Date Received: 04/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 17:49	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/15/21 23:15	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 07:32	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 05:45	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/05/21 16:17	FLD	TAL BUF

Client Sample ID: U-16

Lab Sample ID: 480-183178-13

Matrix: Water

Date Collected: 04/06/21 12:55

Date Received: 04/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 18:11	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/15/21 23:55	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 07:48	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 06:15	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 12:55	FLD	TAL BUF

Client Sample ID: U-18

Lab Sample ID: 480-183178-14

Matrix: Water

Date Collected: 04/06/21 13:12

Date Received: 04/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576090	04/13/21 18:33	LCH	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 00:15	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577242	04/21/21 21:19	NC	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: U-18

Date Collected: 04/06/21 13:12
 Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	577026	04/17/21 10:47	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 13:12	FLD	TAL BUF

Client Sample ID: U-15

Date Collected: 04/06/21 13:53
 Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 15:22	CDC	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 00:35	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577242	04/21/21 21:35	NC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 11:16	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 13:53	FLD	TAL BUF

Client Sample ID: U-17

Date Collected: 04/06/21 14:11
 Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 15:45	CDC	TAL BUF
Total/NA	Prep	8011			576493	04/15/21 15:05	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 00:55	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 08:36	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 08:47	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 14:11	FLD	TAL BUF

Client Sample ID: U-13

Date Collected: 04/06/21 14:47
 Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 16:09	CDC	TAL BUF
Total/NA	Prep	8011			576519	04/15/21 16:58	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 05:12	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577049	04/21/21 08:52	DSC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 09:47	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 14:47	FLD	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: DUP TSCA #2

Date Collected: 04/06/21 14:47

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 16:33	CDC	TAL BUF
Total/NA	Prep	8011			576519	04/15/21 16:58	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 05:32	DSC	TAL BUF
Total/NA	Prep	3510C			576818	04/19/21 09:12	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577242	04/21/21 21:51	NC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 11:46	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 14:47	FLD	TAL BUF

Client Sample ID: U-10

Date Collected: 04/06/21 15:26

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 16:56	CDC	TAL BUF
Total/NA	Prep	8011			576519	04/15/21 16:58	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 05:52	DSC	TAL BUF
Total/NA	Prep	3510C			577165	04/21/21 08:49	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577479	04/23/21 10:47	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 12:16	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 15:26	FLD	TAL BUF

Client Sample ID: U-11

Date Collected: 04/06/21 16:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 17:20	CDC	TAL BUF
Total/NA	Prep	8011			576519	04/15/21 16:58	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 06:12	DSC	TAL BUF
Total/NA	Prep	3510C			577074	04/20/21 15:02	ATG	TAL BUF
Total/NA	Analysis	8082A		1	577645	04/23/21 20:26	NC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 15:46	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 16:00	FLD	TAL BUF

Client Sample ID: U-12

Date Collected: 04/06/21 16:20

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 17:44	CDC	TAL BUF
Total/NA	Prep	8011			576519	04/15/21 16:58	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 06:31	DSC	TAL BUF
Total/NA	Prep	3510C			577165	04/21/21 08:49	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577479	04/23/21 11:19	W1T	TAL BUF

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-12

Lab Sample ID: 480-183178-21

Matrix: Water

Date Collected: 04/06/21 16:20

Date Received: 04/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	577026	04/17/21 16:16	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 16:20	FLD	TAL BUF

Client Sample ID: U-4

Lab Sample ID: 480-183178-22

Matrix: Water

Date Collected: 04/06/21 17:24

Date Received: 04/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 18:08	CDC	TAL BUF
Total/NA	Prep	8011			576519	04/15/21 16:58	DSC	TAL BUF
Total/NA	Analysis	8011		1	576543	04/16/21 07:11	DSC	TAL BUF
Total/NA	Prep	3510C			577074	04/20/21 15:02	ATG	TAL BUF
Total/NA	Analysis	8082A		1	577645	04/23/21 20:58	NC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 13:47	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/06/21 17:24	FLD	TAL BUF

Client Sample ID: DUP TSCA 3

Lab Sample ID: 480-183178-23

Matrix: Water

Date Collected: 04/07/21 17:24

Date Received: 04/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 18:32	CDC	TAL BUF
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/19/21 18:23	DSC	TAL BUF
Total/NA	Prep	3510C			577165	04/21/21 08:49	JMP	TAL BUF
Total/NA	Analysis	8082A		1	577479	04/23/21 11:35	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 14:46	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/07/21 17:24	FLD	TAL BUF

Client Sample ID: FIELD BLANK TSCA

Lab Sample ID: 480-183178-24

Matrix: Water

Date Collected: 04/07/21 07:25

Date Received: 04/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 18:56	CDC	TAL BUF
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/19/21 18:43	DSC	TAL BUF
Total/NA	Prep	3510C			577074	04/20/21 15:02	ATG	TAL BUF
Total/NA	Analysis	8082A		1	577645	04/23/21 21:30	NC	TAL BUF
Total/NA	Analysis	9060A		1	577026	04/17/21 16:47	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577205	04/07/21 07:25	FLD	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Client Sample ID: TRIP BLANK

Date Collected: 04/07/21 00:00

Date Received: 04/08/21 08:00

Lab Sample ID: 480-183178-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576094	04/13/21 19:19	CDC	TAL BUF

Client Sample ID: C-2

Date Collected: 04/07/21 11:45

Date Received: 04/09/21 10:00

Lab Sample ID: 480-183293-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/19/21 22:03	DSC	TAL BUF
Total/NA	Prep	3510C			577670	04/23/21 15:05	ATG	TAL BUF
Total/NA	Analysis	8082A		1	578407	04/28/21 21:34	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577605	04/23/21 01:52	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577377	04/07/21 11:45	FLD	TAL BUF

Client Sample ID: C-10

Date Collected: 04/07/21 11:35

Date Received: 04/09/21 10:00

Lab Sample ID: 480-183293-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/19/21 22:23	DSC	TAL BUF
Total/NA	Prep	3510C			577670	04/23/21 15:05	ATG	TAL BUF
Total/NA	Analysis	8082A		1	578407	04/28/21 21:49	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577605	04/23/21 02:21	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577377	04/07/21 11:35	FLD	TAL BUF

Client Sample ID: C-12

Date Collected: 04/07/21 11:25

Date Received: 04/09/21 10:00

Lab Sample ID: 480-183293-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/19/21 22:43	DSC	TAL BUF
Total/NA	Prep	3510C			577670	04/23/21 15:05	ATG	TAL BUF
Total/NA	Analysis	8082A		1	578407	04/28/21 22:05	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577605	04/23/21 02:50	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577377	04/07/21 11:25	FLD	TAL BUF

Client Sample ID: C-6

Date Collected: 04/07/21 10:55

Date Received: 04/09/21 10:00

Lab Sample ID: 480-183293-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/19/21 23:03	DSC	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Date Collected: 04/07/21 10:55

Date Received: 04/09/21 10:00

Lab Sample ID: 480-183293-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			577670	04/23/21 15:05	ATG	TAL BUF
Total/NA	Analysis	8082A		1	578407	04/28/21 22:21	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577779	04/22/21 20:56	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577377	04/07/21 10:55	FLD	TAL BUF

Client Sample ID: C-9

Date Collected: 04/07/21 11:55

Date Received: 04/09/21 10:00

Lab Sample ID: 480-183293-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/19/21 23:22	DSC	TAL BUF
Total/NA	Prep	3510C			577670	04/23/21 15:05	ATG	TAL BUF
Total/NA	Analysis	8082A		1	578407	04/28/21 22:37	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577779	04/22/21 21:56	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577377	04/07/21 11:55	FLD	TAL BUF

Client Sample ID: U-6

Date Collected: 04/07/21 08:50

Date Received: 04/12/21 10:00

Lab Sample ID: 480-183295-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/19/21 23:42	DSC	TAL BUF
Total/NA	Prep	3510C			577670	04/23/21 15:05	ATG	TAL BUF
Total/NA	Analysis	8082A		1	578407	04/28/21 20:46	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577779	04/23/21 02:00	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577532	04/07/21 08:50	FLD	TAL BUF

Client Sample ID: U-5

Date Collected: 04/07/21 09:43

Date Received: 04/12/21 10:00

Lab Sample ID: 480-183295-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/20/21 01:02	DSC	TAL BUF
Total/NA	Prep	3510C			577670	04/23/21 15:05	ATG	TAL BUF
Total/NA	Analysis	8082A		1	578407	04/28/21 21:02	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577779	04/23/21 03:29	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577532	04/07/21 09:43	FLD	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Lab Sample ID: 480-183295-3

Date Collected: 04/07/21 10:27

Matrix: Water

Date Received: 04/12/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			576915	04/19/21 15:52	DSC	TAL BUF
Total/NA	Analysis	8011		1	576903	04/20/21 01:22	DSC	TAL BUF
Total/NA	Prep	3510C			577670	04/23/21 15:05	ATG	TAL BUF
Total/NA	Analysis	8082A		1	578407	04/28/21 21:18	W1T	TAL BUF
Total/NA	Analysis	9060A		1	577779	04/23/21 03:59	CLA	TAL BUF
Total/NA	Analysis	Field Sampling		1	577532	04/07/21 10:27	FLD	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Laboratory: Eurofins TestAmerica, Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-07-21
California	State	2931	04-01-20 *
Connecticut	State	PH-0568	09-30-22
Florida	NELAP	E87672	07-01-21
Georgia	State	10026 (NY)	04-01-21 *
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	04-02-22
Illinois	NELAP	200003	10-01-21
Iowa	State	374	02-28-21 *
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	02-02-22
Kentucky (DW)	State	90029	12-31-20 *
Kentucky (UST)	State	30	04-01-22
Kentucky (WW)	State	KY90029	01-01-22
Louisiana	NELAP	02031	07-01-21
Maine	State	NY00044	12-05-22
Maryland	State	294	04-02-22
Massachusetts	State	M-NY044	06-30-21
Michigan	State	9937	04-01-21 *
Michigan	State Program	9937	04-01-09 *
Minnesota	NELAP	1524384	01-01-22
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-19-21
New Jersey	NELAP	NY455	06-30-21
New York	NELAP	10026	04-01-22
Oklahoma	State	9421	09-02-21
Oregon	NELAP	NY200003	06-11-21
Pennsylvania	NELAP	68-00281	07-31-21
Rhode Island	State	LAO00328	12-30-20 *
Tennessee	State	02970	03-31-22
Texas	NELAP	T104704412-18-10	08-02-21
USDA	US Federal Programs	P330-18-00039	02-06-21 *
Virginia	NELAP	460185	09-14-21
Washington	State	C784	02-10-22
Wisconsin	State	998310390	09-01-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Buffalo

Method Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8011	EDB and DBCP in Water by Microextraction	EPA	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
8011	Microextraction	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-183175-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-183175-1	LD-1	Water	04/05/21 17:15	04/08/21 08:00	
480-183175-2	LD-2	Water	04/05/21 17:23	04/08/21 08:00	
480-183175-3	LD-4	Water	04/06/21 08:00	04/08/21 08:00	
480-183175-4	LD-3	Water	04/06/21 09:38	04/08/21 08:00	
480-183178-1	U-14	Water	04/06/21 08:34	04/08/21 08:00	
480-183178-2	U-19	Water	04/06/21 11:04	04/08/21 08:00	
480-183178-3	U-20	Water	04/06/21 11:25	04/08/21 08:00	
480-183178-4	U-25	Water	04/06/21 10:15	04/08/21 08:00	
480-183178-5	U-26	Water	04/05/21 17:52	04/08/21 08:00	
480-183178-6	DUP TSCA 1	Water	04/06/21 10:15	04/08/21 08:00	
480-183178-7	U-21	Water	04/05/21 14:38	04/08/21 08:00	
480-183178-8	U-21A	Water	04/05/21 13:52	04/08/21 08:00	
480-183178-9	U-22	Water	04/05/21 15:00	04/08/21 08:00	
480-183178-10	U-22A	Water	04/05/21 13:30	04/08/21 08:00	
480-183178-11	U-23	Water	04/05/21 15:56	04/08/21 08:00	
480-183178-12	U-24	Water	04/05/21 16:17	04/08/21 08:00	
480-183178-13	U-16	Water	04/06/21 12:55	04/08/21 08:00	
480-183178-14	U-18	Water	04/06/21 13:12	04/08/21 08:00	
480-183178-15	U-15	Water	04/06/21 13:53	04/08/21 08:00	
480-183178-16	U-17	Water	04/06/21 14:11	04/08/21 08:00	
480-183178-17	U-13	Water	04/06/21 14:47	04/08/21 08:00	
480-183178-18	DUP TSCA #2	Water	04/06/21 14:47	04/08/21 08:00	
480-183178-19	U-10	Water	04/06/21 15:26	04/08/21 08:00	
480-183178-20	U-11	Water	04/06/21 16:00	04/08/21 08:00	
480-183178-21	U-12	Water	04/06/21 16:20	04/08/21 08:00	
480-183178-22	U-4	Water	04/06/21 17:24	04/08/21 08:00	
480-183178-23	DUP TSCA 3	Water	04/07/21 17:24	04/08/21 08:00	
480-183178-24	FIELD BLANK TSCA	Water	04/07/21 07:25	04/08/21 08:00	
480-183178-25	TRIP BLANK	Water	04/07/21 00:00	04/08/21 08:00	
480-183293-1	C-2	Water	04/07/21 11:45	04/09/21 10:00	
480-183293-2	C-10	Water	04/07/21 11:35	04/09/21 10:00	
480-183293-3	C-12	Water	04/07/21 11:25	04/09/21 10:00	
480-183293-4	C-6	Water	04/07/21 10:55	04/09/21 10:00	
480-183293-5	C-9	Water	04/07/21 11:55	04/09/21 10:00	
480-183295-1	U-6	Water	04/07/21 08:50	04/12/21 10:00	
480-183295-2	U-5	Water	04/07/21 09:43	04/12/21 10:00	
480-183295-3	U-3	Water	04/07/21 10:27	04/12/21 10:00	

phone 716.504.9852 fax 716.691.7991

Regulatory Program: DW NPDES RCRA Other: TSCA - Quarterly

Project Manager: Mike Gibson
Tel/Fax: (614) 888-5760/5763

Client Contact
Eagon & Associates, Inc.

100 Old Wilson Bridge Road Suite 115

Worthington, Ohio 43085

(614) 888-5760 Phone

(614) 888-5763 FAX

Project Name: TSCA - Quarterly

Site: CECOS - Aber Rd

P O #

Analysis Turnaround Time

CALENDAR DAYS WORKING DAYS

TAT if different from Below: 21 Days

2 weeks 1 week 2 days 1 day

Sample Date

Sample Time

Type (C=Comp. G=Grab)

Matrix

of Cont.

Filterd Sample (Y/N)

PCBs (8082A)

TOC (9060A)

DMP VOCs (8260C)

DMP VOCs (8011)

Filtred Sample (Y/N)

480-183175 Chain of Custody

Sample Specific Notes:

4/15/21 1715 Grab ✓ 10 N X X X X

4/15/21 1733 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 0800 ✓ 9 ✓ ✓ ✓ ✓

4/16/21 0938 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1015 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1030 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1045 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1100 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1115 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1130 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1145 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1155 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1200 ✓ 10 ✓ ✓ ✓ ✓

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4/16/21 1230 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1245 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1255 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1300 ✓ 10 ✓ ✓ ✓ ✓

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4/16/21 1400 ✓ 10 ✓ ✓ ✓ ✓

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4/16/21 1600 ✓ 10 ✓ ✓ ✓ ✓

4/16/21 1615 ✓ 10 ✓ ✓ ✓ ✓

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4/16/

10 Hazelwood Drive

Amherst, NY 14228

phone 716.504.9852 fax 716.691.7991

Regulatory Program: DW NPDES RCRA Other: TSCA - Quarterly

Project Manager: Mike Gibson Tel/Fax: (641) 888-5760/5763

Client Contact Lab Contact: Andrew Thompson Date: 4/7/21

Eagon & Associates, Inc. Carrier: TA-Cinci COC No:

100 Old Wilson Bridge Road Suite 115

Worthington, Ohio 43085

(614) 888-5760 Phone

(614) 888-5763 FAX

Project Name: TSCA - Quarterly

Site: CECCOS - Aber Rd

PO #

Analysis Turnaround Time

CALENDAR DAYS WORKING DAYS

TAT if different from Below: 21 Days

2 weeks

1 week

2 days

1 day

Sample Identification

Sample Date

Sample Time

Type (C=Comp. G=Grab)

Matrix

of Cont.

Filtered Sample (Y/N)

PCBs (8082A)

TOC (9060A)

DMP VOCs (8260C)

DMP VOCs (8011)

PCBs (8082A)

TOC (9060A)

DMP VOCs (8260C)

DMP VOCs (8011)

PCBs (8082A)

TOC (9060A)

DMP VOCs (8260C)

DMP VOCs (8011)

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Amherst, NY 14228
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Worthington, Ohio 43085

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Project Name: TSCA - Quarterly

Site: CECOS - Aber Rd

P O #

Regulatory Program:

DW

NPDES

RCRA

Other:

TSCA - Quarterly

Project Manager: Mike Gibson

Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time

CALENDAR DAYS

WORKING DAYS

TAT if different from Below: 21 Days

2 weeks

1 week

2 days

1 day

Site Contact: Andrew Fischer

Carrier: TA-Cinci

Date: 4/7/21

Site Contact: Brian Fischer

Carrier: TA-Cinci

Date: 4/7/21

Site Contact: Andrew Fischer

Carrier: TA-Cinci

Date: 4/7/21

Site Contact: Brian Fischer

Carrier: TA-Cinci

Date: 4/7/2

phone 716.504.9852 fax 716.691.7991

2021

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-183175-1

Login Number: 183175

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-183175-1

Login Number: 183178

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-183175-1

Login Number: 183293

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True	No: Water present in cooler; indicates evidence of melted ice	4
Cooler Temperature is acceptable.	False		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EAGON	
Samples received within 48 hours of sampling.	False		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-183175-1

Login Number: 183295

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True	No: Water present in cooler; indicates evidence of melted ice	4
Cooler Temperature is acceptable.	False		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EAGON	
Samples received within 48 hours of sampling.	False		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	N/A		

Quantitation Limit Exceptions Summary

Client: Republic Services Inc

Job ID: 480-183175-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Hexachlorobutadiene	Water	Total/NA	ug/L	1.0	2.0

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# --

Sample Location: LD-1
Sampling Program: TSCA
Lab #: ---
Lab #: ---

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/FIwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/15/21
Start Time: 16:55
End Time: 17:15
Purge Rate: 60 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: - inch/ - SS - PVC

Personnel Present: Derin Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 70° F / Sunny / 0-5 SW

Sampling

Date: 4/15/21
Time Sampled: 17:15
Sample Appearance: Clear
No odor

Personnel Present: Derin Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 70° F / Sunny / 0-5 SW

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
15.4	6.82	1366	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Derin Cain

Date: 4/15/21

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# --

LD-2

Sample Location:

Sampling Program:

TSCA

Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: -----

Evacuation:

Date: 4/15/21
Start Time: 16:49
End Time: 16:53
Purge Rate: 18.75 gpm
Volume Purged: 75 gal
Purged Dry: Yes/No
Casing: -- inch / -- SS -- PVC

Personnel Present: Deric Caw
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal
Level After Purge: -- ft.

Weather Conditions: 70°F/ sunny/ 0-5 SW

Sampling

Date: 4/15/21
Time Sampled: 17:23
Sample Appearance: clear
No odor

Personnel Present: Deric Caw
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 70°F/ sunny/ 0-5 SW

Comments:

Temperature (°C)	pH S.I.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.4</u>	<u>6.86</u>	<u>1212</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: S. Caw

Date: 4/15/21

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: LD-4
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 7/16/21
Start Time: 7:40
End Time: 8:00
Purge Rate: 10 gpm
Volume Purged: 200 gal
Purged Dry: Y
Casing: -- inch/ -- SS -- PVC

Personnel Present: Deric Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 46°F / sunny / 0-5 SW

Sampling

Date: 7/16/21
Time Sampled: 8:02
Sample Appearance: Clear
No odor

Personnel Present: Deric Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 46°F / sunny / 0-5 SW

Comments:

1: Brown VOC
leaks AND Sampling where Highly Efficient

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>6.58</u>	<u>1036</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>2.5x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: S. Cain

Date: 7/16/21

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: LD-3
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/16/21
Start Time: 9:13
End Time: 9:38
Purge Rate: 6 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: ____ inch/ SS PVC

Personnel Present: Denic Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 50°f/sunny/ 0-5 SW

Sampling

Date: 7/16/21
Time Sampled: 9:38
Sample Appearance: clear
No odor

Personnel Present: Denic Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 50°f/sunny/ 0-5 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.9</u>	<u>6.40</u>	<u>1067</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Denic Cain

Date: 7/16/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# --

Sample Location: 4/14
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composites Dipping Bottle Standng/FIwg Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/16/21
Start Time: 8:18
End Time: 8:31
Purge Rate: 12.5 166.7 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: Deric Cain
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 46°F/sunny/0-5 SW

Sampling

Date: 4/16/21
Time Sampled: 08:31
Sample Appearance: wet
No odor

Personnel Present: Deric Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂

Weather Conditions: 46°F/sunny/0-5 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>44.3</u>	<u>6.37</u>	<u>649.2</u>	

Container Number	Size ml	Type v/l/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl: Cool	8260C VOCs
--	3x40	glass vial	HCl: Cool	8011 VOCs
--	2x40	glass vial	HCl: Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 4/16/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# 1

Sample Location: U-19
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Y Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 4/16/21
Start Time: 10:52
End Time: 11:04
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: -- inch/-- SS -- PVC

Personnel Present: Denis Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 60°F/Sunny/0-5 SW

Sampling

Date: 4/16/21
Time Sampled: 11:04
Sample Appearance: clear
NO ODORE

Personnel Present: Denis Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 60°F/Sunny/0-5 SW

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>46</u>	<u>6.79</u>	<u>837.8</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: Z. Cain

Date: 4/16/21

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page#

Sample Location: U-2C
Sampling Program: TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:
Date: 4/6/21 Personnel Present: Deric C. in
Start Time: 11:13 Depth to Bottom: ft.
End Time: 11:25 Depth to Water: ft.
Purge Rate: 16.67 gpm Height of Water Column: ft.
Volume Purged: 200 gal Casing Volume: gal.
Purged Dry: Yes/No Level After Purge: ft.

Casing: inch/ SS PVC

Weather Conditions: 65°/ Sunny / 0-5 SW

Sampling
Date: 4/6/21 Personnel Present: Deric C. in
Time Sampled: 11:25 Depth to Water: ft.
Sample Appearance: CLEAR Recharge Rate: gal.
NO ODOUR Filter #: Diss O₂:
Weather Conditions: 65°/ Sunny / 0-5 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>44.8</u>	<u>6.93</u>	<u>1024</u>	<u> </u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature:

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(313) 724-6114

Page # 1

Sample Location: U-75
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Flwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 4/16/21
Start Time: 9:18
End Time: 10:15
Purge Rate: 7.4 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: — inch/ SS PVC

Personnel Present: Deric Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 50°F / sunny / 0-5 SW

Sampling

Date: 4/16/21
Time Sampled: 10:15
Sample Appearance: Clear
No odor

Personnel Present: Deric Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 50°F / sunny / 0-5 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.1</u>	<u>6.73</u>	<u>1045</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: Deric

Date: 4/16/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

U-26

Sample Location:

Sampling Program:

TSCA

Lab #

Lab #

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Fwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 9/5/21
 Start Time: 17:40
 End Time: 17:52
 Purge Rate: 16.7 gpm
 Volume Purged: 300 gal
 Purged Dry: Yes/No
 Casing: inch/ \$8 PVC

Weather Conditions: 70° F / sunny / 0-5 SW

Personnel Present: Peric Cavn
 Depth to Bottom: -- ft.
 Depth to Water: -- ft.
 Height of Water Column: -- ft.
 Casing Volume: -- gal.
 Level After Purge: -- ft.

Sampling

Date: 9/5/21
 Time Sampled: 17:52
 Sample Appearance: Clear
No odor

Personnel Present: Peric Cavn
 Depth to Water: -- ft.
 Recharge Rate: -- gal.
 Filter #: --
 Diss O₂: --

Weather Conditions: 70° F / sunny / 05 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>74.8</u>	<u>7.14</u>	<u>1153</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
+	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature:

Date: 9/5/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# -

Sample Location: Dup TSCA 1

TSCA

Lab # -

Lab # -

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composites	<input type="checkbox"/> Dipping Bottle Stndng/Fwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 4/6/21
 Start Time: 1:48
 End Time: 10:15
 Purge Rate: 7.1 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes
 Casing: - inch/ - SS - PVC

Personnel Present: Deric Cain
 Depth to Bottom: - ft.
 Depth to Water: - ft.
 Height of Water Column: - ft.
 Casing Volume: - gal.
 Level After Purge: - ft.

Weather Conditions: 50°F / sunny / 0-5 SW

Sampling

Date: 4/6/21
 Time Sampled: 10:15
 Sample Appearance: Clear
No odor

Personnel Present: Deric Cain
 Depth to Water: - ft.
 Recharge Rate: - gal.
 Filter #: -
 Diss O₂: -

Weather Conditions: 50°F / sunny / 0-5 SW

Comments:

Loc location 2 U-25

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.1</u>	<u>6.73</u>	<u>1045</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: ZHC

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page #

Sample Location: U-21
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/15/21
Start Time: 14:26
End Time: 14:38
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: -- inch/ -- SS -- PVC

Personnel Present: Derik C.
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 70° / Sunny / 0-5 mph SW

Sampling

Date: 4/15/21
Time Sampled: 14:38
Sample Appearance: Clear
No O2 in

Personnel Present: Derik C.
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 70° / Sunny / 0-5 mph SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.2</u>	<u>7.80</u>	<u>753.1</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 4/15/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# -

Sample Location: U-214
Sampling Program: TSCA

Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baileir Other: _____

Evacuation:

Date: 4/15/21
 Start Time: 13:40
 End Time: 13:52
 Purge Rate: 1.67 ppm
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: -- inch/ -- SS -- PVC

Weather Conditions: 70°F / Sunny / 0-5 SW

Personnel Present: Deric Cain
 Depth to Bottom: -- ft.
 Depth to Water: -- ft.
 Height of Water Column: -- ft.
 Casing Volume: -- gal.
 Level After Purge: -- ft.

Sampling

Date: 4/15/21
 Time Sampled: 13:52
 Sample Appearance: CLEAR
NO ODOUR
 Weather Conditions: 70°F / Sunny / 0-5 SW

Personnel Present: Deric Cain
 Depth to Water: -- ft.
 Recharge Rate: -- gal.
 Filter #: -- Diss O₂: --

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.1</u>	<u>7.64</u>	<u>729</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: S. Cain

Date: 4/15/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# 10-22

Sample Location: 10-22
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Fwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 4/15/21
Start Time: 14:48
End Time: 15:00
Purge Rate: 16.67 gpm
Volume Purged: 200 > gal
Purged Dry: Yes No
Casing: -- inch/ -- SS -- PVC

Personnel Present: Dave Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 70°/sunny/ 0.5 SW

Sampling

Date: 4/15/21
Time Sampled: 15:00
Sample Appearance: Clear
No odor

Personnel Present: Dave Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: -- ppm

Weather Conditions: 70°/sunny/ 0.5 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.5</u>	<u>7.40</u>	<u>1226</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: Dave Cain

Date: 4/15/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Page# 4-224

Sample Location: Leachate Standpipe
Sampling Program: TSCA

Sample Source: Monitoring Well Underdrain Leachate Standpipe Pond Leak Detector
 Stream Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/15/21
Start Time: 18:18
End Time: 13:30
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: -- inch/ -- SS -- PVC

Personnel Present: Dave CAIN
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 70°F / SUNNY / 0-5 SW

Sampling

Date: 4/15/21
Time Sampled: 13:30
Sample Appearance: CLEAR
NO ODOR

Personnel Present: Dave CAIN
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 70°F / SUNNY / 0-5 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.4</u>	<u>8.01</u>	<u>12.85</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: Zer

Date: 4/15/21

UNDERDRAIN FIELD LOG

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Page#

Sample Location: U-23
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Fwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 4/15/21
 Start Time: 15:34
 End Time: 15:56
 Purge Rate: 7.1 gpm
 Volume Purged: 200 gal.
 Purged Dry: Yes/No
 Casing: inch/ SS PVC

Personnel Present: Deric Cain
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: 70°F / Sunny / 0.5 SW

Sampling

Date: 4/15/21
 Time Sampled: 15:56
 Sample Appearance: Clear
No odor

Personnel Present: Deric Cain
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #:
 Diss O₂:

Weather Conditions: 70°F / Sunny / 0.5 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
/	/	/	/
/	/	/	/
/	/	/	/
<u>15.0</u>	<u>7.58</u>	<u>698</u>	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Z. Cain

Date: 4/15/21

UNDERDRAIN FIELD LOG

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Page# 1

Sample Location: U-24
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Standng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/15/21
Start Time: 16:04
End Time: 16:17
Purge Rate: 15.38 gpm
Volume Purged: 200 gal
Purged Dry: Yes(No)
Casing: -- inch/ -- SS -- PVC

Personnel Present: Denz C.in
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 70°F / Sunny / 0.5 SW

Sampling

Date: 4/15/21
Time Sampled: 16:17
Sample Appearance: Clayey
no odor

Personnel Present: Denz C.in
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 70°F / Sunny / 0.5 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>11.5</u>	<u>7.12</u>	<u>1234</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Signature: [Signature]

Date: 4/15/21

UNDERDRAIN FIELD LOG

CBCOS International, Inc.
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Page# 1

Sample Location: i/k
Sampling Program: TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 4/6/21
Start Time: 12:43
End Time: 12:55
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch/ 58 PVC

Personnel Present: Mark Hanrahan
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 70°F / sunny / 0-5w

Sampling

Date: 4/6/21
Time Sampled: 12:55
Sample Appearance: clear
slight H2S

Personnel Present: Ryan Hanrahan
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 70°F / sunny / 0-5w

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.9</u>	<u>7.07</u>	<u>2820</u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature: Mark Hanrahan

Date: 4/6/21

UNDERDRAIN FIELD LOG

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(513) 724-6114

Page# 4-18

Sample Location: U-18
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 4/6/21
Start Time: 13:00
End Time: 13:12
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch/ SS PVC

Personnel Present: Ryan Hansen
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 75°F / sunny / 5-10 W

Sampling

Date: 4/6/21
Time Sampled: 13:12
Sample Appearance: clear
NO2 open

Personnel Present: John Hansen
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 75°F / sunny / 5-10 W

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.0</u>	<u>7.35</u>	<u>1707</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: J. Hansen

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Page# 4

Sample Location: U-15
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Underdrain Leachate Standpipe Pond Leak Detector
 Stream Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/6/21
Start Time: 13:39
End Time: 13:53
Purge Rate: 17.29 gpm
Volume Purged: 20 gal
Purged Dry: Yes
Casing: inch / ss PVC

Personnel Present: Fawn House
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 75°F / sunny / S-10W

Sampling

Date: 4/6/21
Time Sampled: 13:53
Sample Appearance: CLEAR
NO ODOUR

Personnel Present: Fawn House
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 75°F / sunny / S-10W

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>19.8</u>	<u>7.23</u>	<u>2350</u>	<u> </u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature: J. Hall

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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(513) 724-6114

Page# 4-17

Sample Location: U-17
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/6/21
Start Time: 13:59
End Time: 14:11
Purge Rate: 16.67 gpm
Volume Purged: 200 gal.
Purged Dry: Yes
Casing: 1 inch SS PVC

Personnel Present: R. Kinsler
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 75°F / SUNNY / S-10 W

Sampling

Date: 4/6/21
Time Sampled: 14:11
Sample Appearance: clear
no odor

Personnel Present: R. Kinsler
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 75°F / SUNNY / S-10 W

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.1</u>	<u>7.58</u>	<u>1897</u>	

Container Number	Size ml	Type pl/gt	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 4/6/21

UNDERDRAIN FIELD LOG

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Williamsburg, OH 45176
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Page# --

Sample Location: U-13
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/6/21
Start Time: 14:35
End Time: 14:47
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: Fran Hansen
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 75°F / SUNNY / 10-15 MPH

Sampling

Date: 4/6/21
Time Sampled: 14:47
Sample Appearance: CLEAR
NO ODOUR

Personnel Present: Fran Hansen
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 75°F / SUNNY / 10-15 MPH

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
--	--	--	--
--	--	--	--
--	--	--	--
15.1	7.69	1051	10

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 3/6/21

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
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Page#

Sample Location: DUP 13x4 2
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other:

Evacuation:

Date: 4/6/21
Start Time: 14:33
End Time: 14:47
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: Jim Houser
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 75°F / SUNNY / 10-15W

Sampling

Date: 4/6/21
Time Sampled: 14:47
Sample Appearance: clear
no odor

Personnel Present: Jim Houser
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 75°F / SUNNY / 10-15W

Comments:

COLLECTED @ 4-13

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>15.1</u>	<u>7.69</u>	<u>1081</u>	

Container Number	Size ml	Type ml/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: J. Houser

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: Y-10
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 4/16/21
Start Time: 15:00
End Time: 15:26
Purge Rate: 7.67 gpm
Volume Purged: 800 gal
Purged Dry: Yes
Casing: -- inch / -- SS - PVC

Personnel Present: Ryan Hause
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 75°F / SUNNY / CALM

Sampling

Date: 4/16/21
Time Sampled: 15:26
Sample Appearance: Clear
No opngs

Personnel Present: Ryan Hause
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 75°F / SUNNY / CALM

Comments: 1-BROKEN 8011 VIAL

Temperature (°C)	pH .S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.5</u>	<u>7.73</u>	<u>1015</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	2x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: J. Hause

Date: 4/16/21

UNDERDRAIN FIELD LOG

CBCOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# 4-1

Sample Location: U-11
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
Bailer Other:

Evacuation:
Date: 4/6/20 Personnel Present: Frank Hensler
Start Time: 15:48 Depth to Bottom: -- ft.
End Time: 16:00 Depth to Water: -- ft.
Purge Rate: 16.67 gpm Height of Water Column: -- ft.
Volume Purged: 300 gal Casing Volume: -- gal.
Purged Dry: Yes/No Level After Purge: -- ft.

Casing: — inch/ SS PVC

Weather Conditions: 75°F / sunny / 5-10W

Sampling

Date: 4/6/20 Personnel Present: Frank Hensler
Time Sampled: 16:00 Depth to Water: -- ft.
Sample Appearance: clear Recharge Rate: -- gal.
NO 0000L Filter #: -- Diss O₂: --

Weather Conditions: 75°F / sunny / 5-10W

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.0</u>	<u>7.32</u>	<u>1357</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: U-12

Sampling Program: TSCA

Lab # _____

Lab # _____

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Fwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Baller	<input type="checkbox"/> Other:	

Evacuation:			
Date:	<u>4/16/21</u>		
Start Time:	<u>16:08</u>		
End Time:	<u>16:20</u>		
Purge Rate:	<u>16.67 gpm</u>		
Volume Purged:	<u>200 gal</u>		
Purged Dry:	Yes <input checked="" type="checkbox"/>		
Casing:	-- inch/	-- SS	-- PVC

Personnel Present:	<u>Raw Harrie</u>		
Depth to Bottom:	-- ft.		
Depth to Water:	-- ft.		
Height of Water Column:	-- ft.		
Casing Volume:	-- gal.		
Level After Purge:	-- ft.		

Weather Conditions: 75°F / Sunny / S-W

Sampling			
Date:	<u>4/16/21</u>		
Time Sampled:	<u>16:00</u>		
Sample Appearance:	<u>clear</u>		
	<u>no odor</u>		
Weather Conditions:	<u>78°F / Sunny / S-W</u>		

Personnel Present:	<u>Raw Harrie</u>		
Depth to Water:	-- ft.		
Recharge Rate:	-- gal.		
Filter #:	-- Diss O ₂ : --		

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.1</u>	<u>7.37</u>	<u>1044</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: J. Harrie

Date: 4/16/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: 4-4
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Strndg/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/6/21
Start Time: 16:42
End Time: 17:04
Purge Rate: 4.76 gpm
Volume Purged: 800 gal
Purged Dry: Yes
Casing: inch/ SS PVC

Personnel Present: Ryan Hansen
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 75°F / SUNNY / 5-10W

Sampling

Date: 4/6/21
Time Sampled: 17:24
Sample Appearance: Clean
NO ODOR

Personnel Present: Ryan Hansen
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 75°F / SUNNY / 5-10W

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.3</u>	<u>7.49</u>	<u>1215</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Ryan Hansen

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# -

Sample Location: Our TSCA
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: X Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: X Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:
Date: 4/6/21 Personnel Present: R. Hansen
Start Time: 16:42 Depth to Bottom: - ft.
End Time: 17:34 Depth to Water: - ft.
Purge Rate: 4.76 gpm Height of Water Column: - ft.
Volume Purged: 220 gal Casing Volume: - gal.
Purged Dry: Yes Level After Purge: - ft.

Casing: - inch/ - SS - PVC

Weather Conditions: 75°F / SUNNY / 5-10 W

Sampling

Date: 4/6/21 Personnel Present: R. Hansen
Time Sampled: 17:34 Depth to Water: - ft.
Sample Appearance: clear Recharge Rate: - gal.
none Filter #: - Diss O₂: -

Weather Conditions: 75°F / SUNNY / 5-10 W

Comments: columns @ 4-4

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>15.3</u>	<u>7.41</u>	<u>125</u>	

Container Number	Size ml	Type pVgl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl: Cool	8260C VOCs
-	3x40	glass vial	HCl: Cool	8011 VOCs
-	2x40	glass vial	HCl: Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: Z. H.

Date: 4/6/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: Ground Blank BCA
Sampling Program: TSCA

Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: Lab Supplies DC

Evacuation:

Date: 4/17/21 Personnel Present: _____
Start Time: :15 Depth in Bottom: _____ ft.
End Time: :15 Depth to Water: _____ ft.
Purge Rate: spm Height of Water Column: _____ ft.
Volume Purged: gal Casing Volume: _____ gal
Purged Dry: Yes/No Level After Purge: _____ ft.
Casing: inch/ SS inch/ PVC

Weather Conditions: _____

Sampling

Date: 4/17/21 Personnel Present: Ryan Hansen
Time Sampled: 07:25 Depth to Water: _____ ft.
Sample Appearance: CLEAR Recharge Rate: _____ gal.
NO ODOR Filter #: _____ Diss O₂: _____
Weather Conditions: 60F/SUNNY/CLRM

Comments:

SAMPLED BY PERSONAL LAB SUPPLIES WATER INTO SAMPLE
BOTTLES IN ON-SITE SAMPLE PREP ROOM

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>68.3</u>	<u>7.24</u>	<u>02.77</u>	<u>0.53</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Z. PNL

Date: 4/17/21

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: C-2
Sampling Program: TSCA
--
--
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/7/21
Start Time: 11:45
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Y
Casing: -- inch -- SS -- PVC

Personnel Present: _____ ft.
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: _____

Sampling

Date: 4/7/21
Time Sampled: 11:45
Sample Appearance: clear
no odor

Personnel Present: R. Hanson
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 70°p / sunny / calm

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>15.3</u>	<u>8.60</u>	<u>500.0</u>	<u>16.6</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: J. M.R.

Date: 4/7/21

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: C-10

Sampling Program: TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baler Other: _____

Evacuation:

Date: 7/7/21
Start Time: :
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: _____ ft.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 7/7/21
Time Sampled: 11:35
Sample Appearance: clear
NO odor

Personnel Present: P. Hines
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 70° / SW / NY / CALM

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.6</u>	<u>8.66</u>	<u>487.8</u>	<u>18.0</u>

Container Number	Size ml	Type pl/gi	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 7/7/21

SURFACE WATER FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: 6-1-2
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite X Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 4/1/1
Start Time: 11:15
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: -- inch/ -- SS - PVC

Personnel Present: _____ ft.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 4/7/21
Time Sampled: 11:24
Sample Appearance: clear
no odor

Personnel Present: R/Hawr
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 70° / sunny / 0 - ss

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>8.49</u>	<u>585.7</u>	<u>11.4</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
---	3x40	glass vial	HCl; Cool	8260C VOCs
---	3x40	glass vial	HCl; Cool	8011 VOCs
---	2x40	glass vial	HCl; Cool	TOC
---	2x250	amber glass	Cool	PCBs

Signature: JLL

Date: 4/7/21

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SURFACE WATER FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: C-6
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: / /
Start Time: :
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: steel/ SS PVC

Personnel Present: _____ ft.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 4/7/21
Time Sampled: 10:55
Sample Appearance: clear
no odor

Personnel Present: R. Hause
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 70°F / sunny / 0-55

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
<u>14.8</u>	<u>8.48</u>	<u>538.3</u>	<u>14.7</u>

Container Number	Size ml	Type pl/gi	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Z. M.

Date: 4/7/21

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SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# C-9

Sample Location: C-9
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite X Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 4/7/21
Start Time: -
End Time: -
Purge Rate: spm
Volume Purged: gal
Purged Dry? Yes/No
Casing: inchi SS PVC

Personnel Present: -
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: -

Sampling

Date: 4/7/21
Time Sampled: 11:55
Sample Appearance: clear
No odor

Personnel Present: R. Hovset
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 70°F / sunny / calm

Comments: -

Temperature (°C)	pH S.U.	Specific Conductance (mmhos/cm)	Turbidity (NTU)
<u>16.2</u>	<u>8.66</u>	<u>479.3</u>	<u>15.4</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

Signature: R. Hovset

Date: 4/7/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# --

Sample Location: U-6
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/17/21
Start Time: 08:10
End Time: 08:50
Purge Rate: 5.83 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: -- inch/ -- SS -- PVC

Personnel Present: R. Hansen
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 65°F / sunny / calm

Sampling

Date: 4/17/21
Time Sampled: 08:50
Sample Appearance: CLEAR
NO ODOUR

Personnel Present: R. Hansen
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 65°F / sunny / calm

Comments: _____

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>15.3</u>	<u>7.14</u>	<u>14411</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: J. COO

Date: 4/17/21

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UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# --
 Matrix Spike BC4
 Matrix Spike BC4 DHP
 Sample Location:
 Sampling Program:
 TSCA
 Lab # --
 Lab # --
 Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water

Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/17/21
 Start Time: 08:16
 End Time: 08:50
 Purge Rate: 5.88 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: -- inch/ -- SS -- PVC

Personnel Present: R. Hansen
 Depth to Bottom: -- ft.
 Depth to Water: -- ft.
 Height of Water Column: -- ft.
 Casing Volume: -- gal.
 Level After Purge: -- ft.

Weather Conditions: 65°F / SUNNY / CALM

Sampling

Date: 4/17/21
 Time Sampled: 08:50
 Sample Appearance: CLEAR
NO ODOUR

Personnel Present: R. Hansen
 Depth to Water: -- ft.
 Recharge Rate: -- gal.
 Filter #: -- Diss O₂: --

Weather Conditions: 65°F / SUNNY / CALM

Comments: Lower @ U-6

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>15.3</u>	<u>7.14</u>	<u>1441</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: JM

Date: 4/17/21

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

LEAK DETECTOR FIELD LOG

UNDERDRAIN

Page# --

Sample Location: 4-5
Sampling Program: TSCA
--
--
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/7/21
Start Time: 09:03
End Time: 09:43
Purge Rate: 5.00 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: R. Hansen
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 70°F / SUNNY / 0-5 5

Sampling

Date: 4/7/21
Time Sampled: 09:43
Sample Appearance: CLEAR
NO odor

Personnel Present: R. Hansen
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 70°F / SUNNY / 0-5 5

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
--	--	--	--
--	--	--	--
--	--	--	--
<u>14.6</u>	<u>7.38</u>	<u>1450</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/7/21

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# --

U-3

Sample Location:

Sampling Program:

--

--

TSCA

Lab # --

Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water

Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: *4/7/21*
 Start Time: *10:03*
 End Time: *10:27*
 Purge Rate: *8.33* gpm
 Volume Purged: *200* gal
 Purged Dry: Yes

Casing: -- inch/ -- SS -- PVC

Weather Conditions: *70° / sunny / 0-5 5*

Personnel Present: *R. Hansel*
 Depth to Bottom: -- ft.
 Depth to Water: -- ft.
 Height of Water Column: -- ft.
 Casing Volume: -- gal.
 Level After Purge: -- ft.

Sampling

Date: *4/7/21*
 Time Sampled: *10:27*
 Sample Appearance: *CLEAR
NO OARL*

Weather Conditions: *70° / sunny / 0-5 5*

Personnel Present: *R. Hansel*
 Depth to Water: -- ft.
 Recharge Rate: -- gal.
 Filter #: -- Diss O₂: --

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<i>15.0</i>	<i>7.35</i>	<i>477</i>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: *[Signature]*

Date: *4/7/21*

APPENDIX B.

**LABORATORY ANALYTICAL REPORT, FIELD
INFORMATION FORMS, AND
CHAIN-OF-CUSTODY RECORDS
MAY 2021 SUPPLEMENTAL SAMPLING EVENT**



eurofins

Environment Testing
America



ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-184721-1

Client Project/Site: Aber Rd. Landfill - TSCA Quarterly
(resampling)

For:

Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

Attn: Mr. Andrew Thompson

Authorized for release by:

5/24/2021 11:24:58 AM

Brian Fischer, Manager of Project Management
(716)504-9835

Brian.Fischer@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Manager of Project Management
5/24/2021 11:24:58 AM

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Definitions/Glossary

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
D	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Job ID: 480-184721-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-184721-1

Comments

No additional comments.

Receipt

The samples were received on 5/14/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.7° C.

GC/MS VOA

Method 8260C: The following samples were collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: C-10 (480-184721-6).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8011: The continuing calibration verification (CCV) associated with batch 480-581690 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane and Ethylene Dibromide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-3 (480-184721-1), U-5 (480-184721-2), U-6 (480-184721-3), C-6 (480-184721-4), C-12 (480-184721-5), C-10 (480-184721-6), C-2 (480-184721-7) and C-9 (480-184721-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: U-3

Date Collected: 05/12/21 09:38

Lab Sample ID: 480-184721-1

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			05/15/21 15:50	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			05/15/21 15:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			05/15/21 15:50	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			05/15/21 15:50	1
1,1-Dichloroethane	23		2.0	0.38	ug/L			05/15/21 15:50	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			05/15/21 15:50	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			05/15/21 15:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/15/21 15:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/15/21 15:50	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			05/15/21 15:50	1
1,2-Dichloroethene, Total	22		2.0	0.81	ug/L			05/15/21 15:50	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			05/15/21 15:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/15/21 15:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/15/21 15:50	1
1,4-Dioxane	ND		40	9.3	ug/L			05/15/21 15:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/15/21 15:50	1
2-Hexanone	ND		10	1.2	ug/L			05/15/21 15:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			05/15/21 15:50	1
Acetone	ND		10	3.0	ug/L			05/15/21 15:50	1
Acetonitrile	ND		170	4.9	ug/L			05/15/21 15:50	1
Acrolein	ND		20	0.91	ug/L			05/15/21 15:50	1
Acrylonitrile	ND		20	0.83	ug/L			05/15/21 15:50	1
Allyl chloride	ND		2.0	0.44	ug/L			05/15/21 15:50	1
Benzene	ND		2.0	0.41	ug/L			05/15/21 15:50	1
Bromodichloromethane	ND		2.0	0.39	ug/L			05/15/21 15:50	1
Bromoform	ND		2.0	0.26	ug/L			05/15/21 15:50	1
Bromomethane	ND		2.0	0.69	ug/L			05/15/21 15:50	1
Carbon disulfide	ND		2.0	0.19	ug/L			05/15/21 15:50	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			05/15/21 15:50	1
Chlorobenzene	ND		2.0	0.75	ug/L			05/15/21 15:50	1
Chloroethane	0.54 J		2.0	0.32	ug/L			05/15/21 15:50	1
Chloroform	ND		2.0	0.34	ug/L			05/15/21 15:50	1
Chloromethane	ND		2.0	0.35	ug/L			05/15/21 15:50	1
Chloroprene	ND		1.0	0.49	ug/L			05/15/21 15:50	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			05/15/21 15:50	1
Dibromochloromethane	ND		2.0	0.32	ug/L			05/15/21 15:50	1
Dibromomethane	ND		2.0	0.41	ug/L			05/15/21 15:50	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			05/15/21 15:50	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			05/15/21 15:50	1
Ethylbenzene	ND		2.0	0.74	ug/L			05/15/21 15:50	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			05/15/21 15:50	1
Iodomethane	ND		2.0	0.30	ug/L			05/15/21 15:50	1
Isobutyl alcohol	ND		1000	4.8	ug/L			05/15/21 15:50	1
Methacrylonitrile	ND		10	0.69	ug/L			05/15/21 15:50	1
Methyl methacrylate	ND		10	0.61	ug/L			05/15/21 15:50	1
Methylene Chloride	ND		2.0	0.44	ug/L			05/15/21 15:50	1
Naphthalene	ND		1.0	0.43	ug/L			05/15/21 15:50	1
Pentachloroethane	ND		1.0	0.34	ug/L			05/15/21 15:50	1
Propionitrile	ND		50	5.8	ug/L			05/15/21 15:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: U-3

Lab Sample ID: 480-184721-1

Date Collected: 05/12/21 09:38

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			05/15/21 15:50	1
Tetrachloroethene	ND		2.0	0.36	ug/L			05/15/21 15:50	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			05/15/21 15:50	1
Toluene	ND		2.0	0.51	ug/L			05/15/21 15:50	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			05/15/21 15:50	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			05/15/21 15:50	1
Trichloroethene	ND		2.0	0.46	ug/L			05/15/21 15:50	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			05/15/21 15:50	1
Vinyl acetate	ND		10	0.85	ug/L			05/15/21 15:50	1
Vinyl chloride	1.5		1.0	0.90	ug/L			05/15/21 15:50	1
Xylenes, Total	ND		3.0	0.66	ug/L			05/15/21 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		05/15/21 15:50	1
4-Bromofluorobenzene (Surr)	96		73 - 120		05/15/21 15:50	1
Toluene-d8 (Surr)	96		80 - 120		05/15/21 15:50	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		05/18/21 16:04	05/19/21 18:42	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		05/18/21 16:04	05/19/21 18:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.29				SU			05/12/21 09:38	1
Field Conductivity	1357				umhos/cm			05/12/21 09:38	1
Field Temperature	14.3				Degrees C			05/12/21 09:38	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: U-5

Date Collected: 05/12/21 10:16

Lab Sample ID: 480-184721-2

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			05/15/21 16:14	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			05/15/21 16:14	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			05/15/21 16:14	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			05/15/21 16:14	1
1,1-Dichloroethane	6.4		2.0	0.38	ug/L			05/15/21 16:14	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			05/15/21 16:14	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			05/15/21 16:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/15/21 16:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/15/21 16:14	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			05/15/21 16:14	1
1,2-Dichloroethene, Total	18		2.0	0.81	ug/L			05/15/21 16:14	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			05/15/21 16:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/15/21 16:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/15/21 16:14	1
1,4-Dioxane	ND		40	9.3	ug/L			05/15/21 16:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/15/21 16:14	1
2-Hexanone	ND		10	1.2	ug/L			05/15/21 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			05/15/21 16:14	1
Acetone	ND		10	3.0	ug/L			05/15/21 16:14	1
Acetonitrile	ND		170	4.9	ug/L			05/15/21 16:14	1
Acrolein	ND		20	0.91	ug/L			05/15/21 16:14	1
Acrylonitrile	ND		20	0.83	ug/L			05/15/21 16:14	1
Allyl chloride	ND		2.0	0.44	ug/L			05/15/21 16:14	1
Benzene	ND		2.0	0.41	ug/L			05/15/21 16:14	1
Bromodichloromethane	ND		2.0	0.39	ug/L			05/15/21 16:14	1
Bromoform	ND		2.0	0.26	ug/L			05/15/21 16:14	1
Bromomethane	ND		2.0	0.69	ug/L			05/15/21 16:14	1
Carbon disulfide	ND		2.0	0.19	ug/L			05/15/21 16:14	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			05/15/21 16:14	1
Chlorobenzene	ND		2.0	0.75	ug/L			05/15/21 16:14	1
Chloroethane	ND		2.0	0.32	ug/L			05/15/21 16:14	1
Chloroform	ND		2.0	0.34	ug/L			05/15/21 16:14	1
Chloromethane	ND		2.0	0.35	ug/L			05/15/21 16:14	1
Chloroprene	ND		1.0	0.49	ug/L			05/15/21 16:14	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			05/15/21 16:14	1
Dibromochloromethane	ND		2.0	0.32	ug/L			05/15/21 16:14	1
Dibromomethane	ND		2.0	0.41	ug/L			05/15/21 16:14	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			05/15/21 16:14	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			05/15/21 16:14	1
Ethylbenzene	ND		2.0	0.74	ug/L			05/15/21 16:14	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			05/15/21 16:14	1
Iodomethane	ND		2.0	0.30	ug/L			05/15/21 16:14	1
Isobutyl alcohol	ND		1000	4.8	ug/L			05/15/21 16:14	1
Methacrylonitrile	ND		10	0.69	ug/L			05/15/21 16:14	1
Methyl methacrylate	ND		10	0.61	ug/L			05/15/21 16:14	1
Methylene Chloride	ND		2.0	0.44	ug/L			05/15/21 16:14	1
Naphthalene	ND		1.0	0.43	ug/L			05/15/21 16:14	1
Pentachloroethane	ND		1.0	0.34	ug/L			05/15/21 16:14	1
Propionitrile	ND		50	5.8	ug/L			05/15/21 16:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: U-5

Date Collected: 05/12/21 10:16

Lab Sample ID: 480-184721-2

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			05/15/21 16:14	1
Tetrachloroethene	ND		2.0	0.36	ug/L			05/15/21 16:14	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			05/15/21 16:14	1
Toluene	ND		2.0	0.51	ug/L			05/15/21 16:14	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			05/15/21 16:14	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			05/15/21 16:14	1
Trichloroethene	ND		2.0	0.46	ug/L			05/15/21 16:14	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			05/15/21 16:14	1
Vinyl acetate	ND		10	0.85	ug/L			05/15/21 16:14	1
Vinyl chloride	0.99	J		1.0	0.90	ug/L		05/15/21 16:14	1
Xylenes, Total	ND		3.0	0.66	ug/L			05/15/21 16:14	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105			77 - 120				05/15/21 16:14	1
4-Bromofluorobenzene (Surr)	95			73 - 120				05/15/21 16:14	1
Toluene-d8 (Surr)	98			80 - 120				05/15/21 16:14	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		05/18/21 16:04	05/19/21 19:02	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		05/18/21 16:04	05/19/21 19:02	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier		NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.32					SU			05/12/21 10:16	1
Field Conductivity	1351					umhos/cm			05/12/21 10:16	1
Field Temperature	13.7					Degrees C			05/12/21 10:16	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: U-6

Lab Sample ID: 480-184721-3

Date Collected: 05/12/21 11:26

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			05/15/21 16:36	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			05/15/21 16:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			05/15/21 16:36	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			05/15/21 16:36	1
1,1-Dichloroethane	18		2.0	0.38	ug/L			05/15/21 16:36	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			05/15/21 16:36	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			05/15/21 16:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/15/21 16:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/15/21 16:36	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			05/15/21 16:36	1
1,2-Dichloroethene, Total	13		2.0	0.81	ug/L			05/15/21 16:36	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			05/15/21 16:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/15/21 16:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/15/21 16:36	1
1,4-Dioxane	ND		40	9.3	ug/L			05/15/21 16:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/15/21 16:36	1
2-Hexanone	ND		10	1.2	ug/L			05/15/21 16:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			05/15/21 16:36	1
Acetone	ND		10	3.0	ug/L			05/15/21 16:36	1
Acetonitrile	ND		170	4.9	ug/L			05/15/21 16:36	1
Acrolein	ND		20	0.91	ug/L			05/15/21 16:36	1
Acrylonitrile	ND		20	0.83	ug/L			05/15/21 16:36	1
Allyl chloride	ND		2.0	0.44	ug/L			05/15/21 16:36	1
Benzene	ND		2.0	0.41	ug/L			05/15/21 16:36	1
Bromodichloromethane	ND		2.0	0.39	ug/L			05/15/21 16:36	1
Bromoform	ND		2.0	0.26	ug/L			05/15/21 16:36	1
Bromomethane	ND		2.0	0.69	ug/L			05/15/21 16:36	1
Carbon disulfide	ND		2.0	0.19	ug/L			05/15/21 16:36	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			05/15/21 16:36	1
Chlorobenzene	ND		2.0	0.75	ug/L			05/15/21 16:36	1
Chloroethane	ND		2.0	0.32	ug/L			05/15/21 16:36	1
Chloroform	ND		2.0	0.34	ug/L			05/15/21 16:36	1
Chloromethane	ND		2.0	0.35	ug/L			05/15/21 16:36	1
Chloroprene	ND		1.0	0.49	ug/L			05/15/21 16:36	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			05/15/21 16:36	1
Dibromochloromethane	ND		2.0	0.32	ug/L			05/15/21 16:36	1
Dibromomethane	ND		2.0	0.41	ug/L			05/15/21 16:36	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			05/15/21 16:36	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			05/15/21 16:36	1
Ethylbenzene	ND		2.0	0.74	ug/L			05/15/21 16:36	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			05/15/21 16:36	1
Iodomethane	ND		2.0	0.30	ug/L			05/15/21 16:36	1
Isobutyl alcohol	ND		1000	4.8	ug/L			05/15/21 16:36	1
Methacrylonitrile	ND		10	0.69	ug/L			05/15/21 16:36	1
Methyl methacrylate	ND		10	0.61	ug/L			05/15/21 16:36	1
Methylene Chloride	ND		2.0	0.44	ug/L			05/15/21 16:36	1
Naphthalene	ND		1.0	0.43	ug/L			05/15/21 16:36	1
Pentachloroethane	ND		1.0	0.34	ug/L			05/15/21 16:36	1
Propionitrile	ND		50	5.8	ug/L			05/15/21 16:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: U-6

Date Collected: 05/12/21 11:26

Lab Sample ID: 480-184721-3

Date Received: 05/14/21 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			05/15/21 16:36	1
Tetrachloroethene	ND		2.0	0.36	ug/L			05/15/21 16:36	1
Tetrahydrofuran	1.5	J	5.0	1.3	ug/L			05/15/21 16:36	1
Toluene	ND		2.0	0.51	ug/L			05/15/21 16:36	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			05/15/21 16:36	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			05/15/21 16:36	1
Trichloroethene	ND		2.0	0.46	ug/L			05/15/21 16:36	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			05/15/21 16:36	1
Vinyl acetate	ND		10	0.85	ug/L			05/15/21 16:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/15/21 16:36	1
Xylenes, Total	ND		3.0	0.66	ug/L			05/15/21 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120					05/15/21 16:36	1
4-Bromofluorobenzene (Surr)	97		73 - 120					05/15/21 16:36	1
Toluene-d8 (Surr)	97		80 - 120					05/15/21 16:36	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		05/18/21 16:04	05/19/21 19:42	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		05/18/21 16:04	05/19/21 19:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.44				SU			05/12/21 11:26	1
Field Conductivity	1295				umhos/cm			05/12/21 11:26	1
Field Temperature	14.3				Degrees C			05/12/21 11:26	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-6

Date Collected: 05/12/21 11:50

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			05/15/21 16:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			05/15/21 16:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			05/15/21 16:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			05/15/21 16:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			05/15/21 16:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			05/15/21 16:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			05/15/21 16:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/15/21 16:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/15/21 16:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			05/15/21 16:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			05/15/21 16:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			05/15/21 16:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/15/21 16:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/15/21 16:59	1
1,4-Dioxane	ND		40	9.3	ug/L			05/15/21 16:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/15/21 16:59	1
2-Hexanone	ND		10	1.2	ug/L			05/15/21 16:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			05/15/21 16:59	1
Acetone	ND		10	3.0	ug/L			05/15/21 16:59	1
Acetonitrile	ND		170	4.9	ug/L			05/15/21 16:59	1
Acrolein	ND		20	0.91	ug/L			05/15/21 16:59	1
Acrylonitrile	ND		20	0.83	ug/L			05/15/21 16:59	1
Allyl chloride	ND		2.0	0.44	ug/L			05/15/21 16:59	1
Benzene	ND		2.0	0.41	ug/L			05/15/21 16:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			05/15/21 16:59	1
Bromoform	ND		2.0	0.26	ug/L			05/15/21 16:59	1
Bromomethane	ND		2.0	0.69	ug/L			05/15/21 16:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			05/15/21 16:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			05/15/21 16:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			05/15/21 16:59	1
Chloroethane	ND		2.0	0.32	ug/L			05/15/21 16:59	1
Chloroform	ND		2.0	0.34	ug/L			05/15/21 16:59	1
Chloromethane	ND		2.0	0.35	ug/L			05/15/21 16:59	1
Chloroprene	ND		1.0	0.49	ug/L			05/15/21 16:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			05/15/21 16:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			05/15/21 16:59	1
Dibromomethane	ND		2.0	0.41	ug/L			05/15/21 16:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			05/15/21 16:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			05/15/21 16:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			05/15/21 16:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			05/15/21 16:59	1
Iodomethane	ND		2.0	0.30	ug/L			05/15/21 16:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			05/15/21 16:59	1
Methacrylonitrile	ND		10	0.69	ug/L			05/15/21 16:59	1
Methyl methacrylate	ND		10	0.61	ug/L			05/15/21 16:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			05/15/21 16:59	1
Naphthalene	ND		1.0	0.43	ug/L			05/15/21 16:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			05/15/21 16:59	1
Propionitrile	ND		50	5.8	ug/L			05/15/21 16:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-6

Lab Sample ID: 480-184721-4

Date Collected: 05/12/21 11:50

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			05/15/21 16:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			05/15/21 16:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			05/15/21 16:59	1
Toluene	ND		2.0	0.51	ug/L			05/15/21 16:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			05/15/21 16:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			05/15/21 16:59	1
Trichloroethene	ND		2.0	0.46	ug/L			05/15/21 16:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			05/15/21 16:59	1
Vinyl acetate	ND		10	0.85	ug/L			05/15/21 16:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/15/21 16:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			05/15/21 16:59	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		110		77 - 120				05/15/21 16:59	1
4-Bromofluorobenzene (Surr)		98		73 - 120				05/15/21 16:59	1
Toluene-d8 (Surr)		99		80 - 120				05/15/21 16:59	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		05/18/21 16:04	05/19/21 20:01	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		05/18/21 16:04	05/19/21 20:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.88				SU			05/12/21 11:50	1
Field Conductivity	387.8				umhos/cm			05/12/21 11:50	1
Field Temperature	11.5				Degrees C			05/12/21 11:50	1
Field Turbidity	59.0				NTU			05/12/21 11:50	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-12

Date Collected: 05/12/21 12:05

Lab Sample ID: 480-184721-5

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			05/15/21 17:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			05/15/21 17:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			05/15/21 17:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			05/15/21 17:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			05/15/21 17:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			05/15/21 17:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			05/15/21 17:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/15/21 17:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/15/21 17:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			05/15/21 17:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			05/15/21 17:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			05/15/21 17:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/15/21 17:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/15/21 17:23	1
1,4-Dioxane	ND		40	9.3	ug/L			05/15/21 17:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/15/21 17:23	1
2-Hexanone	ND		10	1.2	ug/L			05/15/21 17:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			05/15/21 17:23	1
Acetone	ND		10	3.0	ug/L			05/15/21 17:23	1
Acetonitrile	ND		170	4.9	ug/L			05/15/21 17:23	1
Acrolein	ND		20	0.91	ug/L			05/15/21 17:23	1
Acrylonitrile	ND		20	0.83	ug/L			05/15/21 17:23	1
Allyl chloride	ND		2.0	0.44	ug/L			05/15/21 17:23	1
Benzene	ND		2.0	0.41	ug/L			05/15/21 17:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			05/15/21 17:23	1
Bromoform	ND		2.0	0.26	ug/L			05/15/21 17:23	1
Bromomethane	ND		2.0	0.69	ug/L			05/15/21 17:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			05/15/21 17:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			05/15/21 17:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			05/15/21 17:23	1
Chloroethane	ND		2.0	0.32	ug/L			05/15/21 17:23	1
Chloroform	ND		2.0	0.34	ug/L			05/15/21 17:23	1
Chloromethane	ND		2.0	0.35	ug/L			05/15/21 17:23	1
Chloroprene	ND		1.0	0.49	ug/L			05/15/21 17:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			05/15/21 17:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			05/15/21 17:23	1
Dibromomethane	ND		2.0	0.41	ug/L			05/15/21 17:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			05/15/21 17:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			05/15/21 17:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			05/15/21 17:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			05/15/21 17:23	1
Iodomethane	ND		2.0	0.30	ug/L			05/15/21 17:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			05/15/21 17:23	1
Methacrylonitrile	ND		10	0.69	ug/L			05/15/21 17:23	1
Methyl methacrylate	ND		10	0.61	ug/L			05/15/21 17:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			05/15/21 17:23	1
Naphthalene	ND		1.0	0.43	ug/L			05/15/21 17:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			05/15/21 17:23	1
Propionitrile	ND		50	5.8	ug/L			05/15/21 17:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-12

Lab Sample ID: 480-184721-5

Date Collected: 05/12/21 12:05

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			05/15/21 17:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			05/15/21 17:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			05/15/21 17:23	1
Toluene	ND		2.0	0.51	ug/L			05/15/21 17:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			05/15/21 17:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			05/15/21 17:23	1
Trichloroethene	ND		2.0	0.46	ug/L			05/15/21 17:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			05/15/21 17:23	1
Vinyl acetate	ND		10	0.85	ug/L			05/15/21 17:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/15/21 17:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			05/15/21 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					05/15/21 17:23	1
4-Bromofluorobenzene (Surr)	97		73 - 120					05/15/21 17:23	1
Toluene-d8 (Surr)	99		80 - 120					05/15/21 17:23	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		05/18/21 16:04	05/19/21 20:21	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		05/18/21 16:04	05/19/21 20:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.03				SU			05/12/21 12:05	1
Field Conductivity	487.0				umhos/cm			05/12/21 12:05	1
Field Temperature	11.1				Degrees C			05/12/21 12:05	1
Field Turbidity	15.8				NTU			05/12/21 12:05	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-10

Date Collected: 05/12/21 12:15

Lab Sample ID: 480-184721-6

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			05/15/21 17:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			05/15/21 17:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			05/15/21 17:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			05/15/21 17:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			05/15/21 17:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			05/15/21 17:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			05/15/21 17:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/15/21 17:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/15/21 17:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			05/15/21 17:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			05/15/21 17:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			05/15/21 17:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/15/21 17:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/15/21 17:46	1
1,4-Dioxane	ND		40	9.3	ug/L			05/15/21 17:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/15/21 17:46	1
2-Hexanone	ND		10	1.2	ug/L			05/15/21 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			05/15/21 17:46	1
Acetone	ND		10	3.0	ug/L			05/15/21 17:46	1
Acetonitrile	ND		170	4.9	ug/L			05/15/21 17:46	1
Acrolein	ND		20	0.91	ug/L			05/15/21 17:46	1
Acrylonitrile	ND		20	0.83	ug/L			05/15/21 17:46	1
Allyl chloride	ND		2.0	0.44	ug/L			05/15/21 17:46	1
Benzene	ND		2.0	0.41	ug/L			05/15/21 17:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			05/15/21 17:46	1
Bromoform	ND		2.0	0.26	ug/L			05/15/21 17:46	1
Bromomethane	ND		2.0	0.69	ug/L			05/15/21 17:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			05/15/21 17:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			05/15/21 17:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			05/15/21 17:46	1
Chloroethane	ND		2.0	0.32	ug/L			05/15/21 17:46	1
Chloroform	ND		2.0	0.34	ug/L			05/15/21 17:46	1
Chloromethane	ND		2.0	0.35	ug/L			05/15/21 17:46	1
Chloroprene	ND		1.0	0.49	ug/L			05/15/21 17:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			05/15/21 17:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			05/15/21 17:46	1
Dibromomethane	ND		2.0	0.41	ug/L			05/15/21 17:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			05/15/21 17:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			05/15/21 17:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			05/15/21 17:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			05/15/21 17:46	1
Iodomethane	ND		2.0	0.30	ug/L			05/15/21 17:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			05/15/21 17:46	1
Methacrylonitrile	ND		10	0.69	ug/L			05/15/21 17:46	1
Methyl methacrylate	ND		10	0.61	ug/L			05/15/21 17:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			05/15/21 17:46	1
Naphthalene	ND		1.0	0.43	ug/L			05/15/21 17:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			05/15/21 17:46	1
Propionitrile	ND		50	5.8	ug/L			05/15/21 17:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-10

Lab Sample ID: 480-184721-6

Date Collected: 05/12/21 12:15

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			05/15/21 17:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			05/15/21 17:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			05/15/21 17:46	1
Toluene	ND		2.0	0.51	ug/L			05/15/21 17:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			05/15/21 17:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			05/15/21 17:46	1
Trichloroethene	ND		2.0	0.46	ug/L			05/15/21 17:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			05/15/21 17:46	1
Vinyl acetate	ND		10	0.85	ug/L			05/15/21 17:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/15/21 17:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			05/15/21 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		05/15/21 17:46	1
4-Bromofluorobenzene (Surr)	95		73 - 120		05/15/21 17:46	1
Toluene-d8 (Surr)	98		80 - 120		05/15/21 17:46	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0078	ug/L		05/18/21 16:04	05/19/21 20:41	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		05/18/21 16:04	05/19/21 20:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.21			SU				05/12/21 12:15	1
Field Conductivity	371.3			umhos/cm				05/12/21 12:15	1
Field Temperature	12.6			Degrees C				05/12/21 12:15	1
Field Turbidity	51.7			NTU				05/12/21 12:15	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-2

Date Collected: 05/12/21 12:25

Lab Sample ID: 480-184721-7

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			05/15/21 18:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			05/15/21 18:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			05/15/21 18:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			05/15/21 18:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			05/15/21 18:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			05/15/21 18:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			05/15/21 18:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/15/21 18:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/15/21 18:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			05/15/21 18:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			05/15/21 18:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			05/15/21 18:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/15/21 18:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/15/21 18:09	1
1,4-Dioxane	ND		40	9.3	ug/L			05/15/21 18:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/15/21 18:09	1
2-Hexanone	ND		10	1.2	ug/L			05/15/21 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			05/15/21 18:09	1
Acetone	ND		10	3.0	ug/L			05/15/21 18:09	1
Acetonitrile	ND		170	4.9	ug/L			05/15/21 18:09	1
Acrolein	ND		20	0.91	ug/L			05/15/21 18:09	1
Acrylonitrile	ND		20	0.83	ug/L			05/15/21 18:09	1
Allyl chloride	ND		2.0	0.44	ug/L			05/15/21 18:09	1
Benzene	ND		2.0	0.41	ug/L			05/15/21 18:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			05/15/21 18:09	1
Bromoform	ND		2.0	0.26	ug/L			05/15/21 18:09	1
Bromomethane	ND		2.0	0.69	ug/L			05/15/21 18:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			05/15/21 18:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			05/15/21 18:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			05/15/21 18:09	1
Chloroethane	ND		2.0	0.32	ug/L			05/15/21 18:09	1
Chloroform	ND		2.0	0.34	ug/L			05/15/21 18:09	1
Chloromethane	ND		2.0	0.35	ug/L			05/15/21 18:09	1
Chloroprene	ND		1.0	0.49	ug/L			05/15/21 18:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			05/15/21 18:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			05/15/21 18:09	1
Dibromomethane	ND		2.0	0.41	ug/L			05/15/21 18:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			05/15/21 18:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			05/15/21 18:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			05/15/21 18:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			05/15/21 18:09	1
Iodomethane	ND		2.0	0.30	ug/L			05/15/21 18:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			05/15/21 18:09	1
Methacrylonitrile	ND		10	0.69	ug/L			05/15/21 18:09	1
Methyl methacrylate	ND		10	0.61	ug/L			05/15/21 18:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			05/15/21 18:09	1
Naphthalene	ND		1.0	0.43	ug/L			05/15/21 18:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			05/15/21 18:09	1
Propionitrile	ND		50	5.8	ug/L			05/15/21 18:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-2

Date Collected: 05/12/21 12:25

Lab Sample ID: 480-184721-7

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			05/15/21 18:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			05/15/21 18:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			05/15/21 18:09	1
Toluene	ND		2.0	0.51	ug/L			05/15/21 18:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			05/15/21 18:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			05/15/21 18:09	1
Trichloroethene	ND		2.0	0.46	ug/L			05/15/21 18:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			05/15/21 18:09	1
Vinyl acetate	ND		10	0.85	ug/L			05/15/21 18:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/15/21 18:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			05/15/21 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		05/15/21 18:09	1
4-Bromofluorobenzene (Surr)	94		73 - 120		05/15/21 18:09	1
Toluene-d8 (Surr)	97		80 - 120		05/15/21 18:09	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		05/18/21 16:04	05/19/21 21:01	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		05/18/21 16:04	05/19/21 21:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.43			SU				05/12/21 12:25	1
Field Conductivity	375.6			umhos/cm				05/12/21 12:25	1
Field Temperature	11.8			Degrees C				05/12/21 12:25	1
Field Turbidity	44.4			NTU				05/12/21 12:25	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-9

Lab Sample ID: 480-184721-8

Date Collected: 05/12/21 12:35

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			05/15/21 18:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			05/15/21 18:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			05/15/21 18:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			05/15/21 18:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			05/15/21 18:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			05/15/21 18:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			05/15/21 18:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/15/21 18:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/15/21 18:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			05/15/21 18:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			05/15/21 18:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			05/15/21 18:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/15/21 18:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/15/21 18:32	1
1,4-Dioxane	ND		40	9.3	ug/L			05/15/21 18:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/15/21 18:32	1
2-Hexanone	ND		10	1.2	ug/L			05/15/21 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			05/15/21 18:32	1
Acetone	ND		10	3.0	ug/L			05/15/21 18:32	1
Acetonitrile	ND		170	4.9	ug/L			05/15/21 18:32	1
Acrolein	ND		20	0.91	ug/L			05/15/21 18:32	1
Acrylonitrile	ND		20	0.83	ug/L			05/15/21 18:32	1
Allyl chloride	ND		2.0	0.44	ug/L			05/15/21 18:32	1
Benzene	ND		2.0	0.41	ug/L			05/15/21 18:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			05/15/21 18:32	1
Bromoform	ND		2.0	0.26	ug/L			05/15/21 18:32	1
Bromomethane	ND		2.0	0.69	ug/L			05/15/21 18:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			05/15/21 18:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			05/15/21 18:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			05/15/21 18:32	1
Chloroethane	ND		2.0	0.32	ug/L			05/15/21 18:32	1
Chloroform	ND		2.0	0.34	ug/L			05/15/21 18:32	1
Chloromethane	ND		2.0	0.35	ug/L			05/15/21 18:32	1
Chloroprene	ND		1.0	0.49	ug/L			05/15/21 18:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			05/15/21 18:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			05/15/21 18:32	1
Dibromomethane	ND		2.0	0.41	ug/L			05/15/21 18:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			05/15/21 18:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			05/15/21 18:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			05/15/21 18:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			05/15/21 18:32	1
Iodomethane	ND		2.0	0.30	ug/L			05/15/21 18:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			05/15/21 18:32	1
Methacrylonitrile	ND		10	0.69	ug/L			05/15/21 18:32	1
Methyl methacrylate	ND		10	0.61	ug/L			05/15/21 18:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			05/15/21 18:32	1
Naphthalene	ND		1.0	0.43	ug/L			05/15/21 18:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			05/15/21 18:32	1
Propionitrile	ND		50	5.8	ug/L			05/15/21 18:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-9

Lab Sample ID: 480-184721-8

Date Collected: 05/12/21 12:35

Matrix: Water

Date Received: 05/14/21 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			05/15/21 18:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			05/15/21 18:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			05/15/21 18:32	1
Toluene	ND		2.0	0.51	ug/L			05/15/21 18:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			05/15/21 18:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			05/15/21 18:32	1
Trichloroethene	ND		2.0	0.46	ug/L			05/15/21 18:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			05/15/21 18:32	1
Vinyl acetate	ND		10	0.85	ug/L			05/15/21 18:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/15/21 18:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			05/15/21 18:32	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		109		77 - 120				05/15/21 18:32	1
4-Bromofluorobenzene (Surr)		97		73 - 120				05/15/21 18:32	1
Toluene-d8 (Surr)		99		80 - 120				05/15/21 18:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		05/18/21 16:04	05/19/21 21:21	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		05/18/21 16:04	05/19/21 21:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.44				SU			05/12/21 12:35	1
Field Conductivity	348.9				umhos/cm			05/12/21 12:35	1
Field Temperature	12.7				Degrees C			05/12/21 12:35	1
Field Turbidity	46.7				NTU			05/12/21 12:35	1

Surrogate Summary

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
480-184721-1	U-3	105	96	96
480-184721-2	U-5	105	95	98
480-184721-3	U-6	108	97	97
480-184721-4	C-6	110	98	99
480-184721-5	C-12	111	97	99
480-184721-6	C-10	105	95	98
480-184721-7	C-2	108	94	97
480-184721-8	C-9	109	97	99
LCS 480-581084/5	Lab Control Sample	104	97	101
MB 480-581084/7	Method Blank	109	100	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-581084/7

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 581084

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
1,1,1,2-Tetrachloroethane	ND				2.0	0.35	ug/L			05/15/21 10:50	1
1,1,1-Trichloroethane	ND				2.0	0.82	ug/L			05/15/21 10:50	1
1,1,2,2-Tetrachloroethane	ND				2.0	0.21	ug/L			05/15/21 10:50	1
1,1,2-Trichloroethane	ND				2.0	0.23	ug/L			05/15/21 10:50	1
1,1-Dichloroethane	ND				2.0	0.38	ug/L			05/15/21 10:50	1
1,1-Dichloroethene	ND				2.0	0.29	ug/L			05/15/21 10:50	1
1,2,3-Trichloropropane	ND				2.0	0.89	ug/L			05/15/21 10:50	1
1,2,4-Trichlorobenzene	ND				1.0	0.41	ug/L			05/15/21 10:50	1
1,2-Dichlorobenzene	ND				1.0	0.79	ug/L			05/15/21 10:50	1
1,2-Dichloroethane	ND				2.0	0.21	ug/L			05/15/21 10:50	1
1,2-Dichloroethene, Total	ND				2.0	0.81	ug/L			05/15/21 10:50	1
1,2-Dichloropropane	ND				2.0	0.72	ug/L			05/15/21 10:50	1
1,3-Dichlorobenzene	ND				1.0	0.78	ug/L			05/15/21 10:50	1
1,4-Dichlorobenzene	ND				1.0	0.84	ug/L			05/15/21 10:50	1
1,4-Dioxane	ND				40	9.3	ug/L			05/15/21 10:50	1
2-Butanone (MEK)	ND				10	1.3	ug/L			05/15/21 10:50	1
2-Hexanone	ND				10	1.2	ug/L			05/15/21 10:50	1
4-Methyl-2-pentanone (MIBK)	ND				10	2.1	ug/L			05/15/21 10:50	1
Acetone	ND				10	3.0	ug/L			05/15/21 10:50	1
Acetonitrile	ND				170	4.9	ug/L			05/15/21 10:50	1
Acrolein	ND				20	0.91	ug/L			05/15/21 10:50	1
Acrylonitrile	ND				20	0.83	ug/L			05/15/21 10:50	1
Allyl chloride	ND				2.0	0.44	ug/L			05/15/21 10:50	1
Benzene	ND				2.0	0.41	ug/L			05/15/21 10:50	1
Bromodichloromethane	ND				2.0	0.39	ug/L			05/15/21 10:50	1
Bromoform	ND				2.0	0.26	ug/L			05/15/21 10:50	1
Bromomethane	ND				2.0	0.69	ug/L			05/15/21 10:50	1
Carbon disulfide	ND				2.0	0.19	ug/L			05/15/21 10:50	1
Carbon tetrachloride	ND				2.0	0.27	ug/L			05/15/21 10:50	1
Chlorobenzene	ND				2.0	0.75	ug/L			05/15/21 10:50	1
Chloroethane	ND				2.0	0.32	ug/L			05/15/21 10:50	1
Chloroform	ND				2.0	0.34	ug/L			05/15/21 10:50	1
Chloromethane	ND				2.0	0.35	ug/L			05/15/21 10:50	1
Chloroprene	ND				1.0	0.49	ug/L			05/15/21 10:50	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			05/15/21 10:50	1
Dibromochloromethane	ND				2.0	0.32	ug/L			05/15/21 10:50	1
Dibromomethane	ND				2.0	0.41	ug/L			05/15/21 10:50	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			05/15/21 10:50	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			05/15/21 10:50	1
Ethylbenzene	ND				2.0	0.74	ug/L			05/15/21 10:50	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			05/15/21 10:50	1
Iodomethane	ND				2.0	0.30	ug/L			05/15/21 10:50	1
Isobutyl alcohol	ND				1000	4.8	ug/L			05/15/21 10:50	1
Methacrylonitrile	ND				10	0.69	ug/L			05/15/21 10:50	1
Methyl methacrylate	ND				10	0.61	ug/L			05/15/21 10:50	1
Methylene Chloride	ND				2.0	0.44	ug/L			05/15/21 10:50	1
Naphthalene	ND				1.0	0.43	ug/L			05/15/21 10:50	1
Pentachloroethane	ND				1.0	0.34	ug/L			05/15/21 10:50	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-581084/7

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 581084

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	ND				50	5.8	ug/L			05/15/21 10:50	1
Styrene	ND				2.0	0.73	ug/L			05/15/21 10:50	1
Tetrachloroethene	ND				2.0	0.36	ug/L			05/15/21 10:50	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			05/15/21 10:50	1
Toluene	ND				2.0	0.51	ug/L			05/15/21 10:50	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			05/15/21 10:50	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			05/15/21 10:50	1
Trichloroethene	ND				2.0	0.46	ug/L			05/15/21 10:50	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			05/15/21 10:50	1
Vinyl acetate	ND				10	0.85	ug/L			05/15/21 10:50	1
Vinyl chloride	ND				1.0	0.90	ug/L			05/15/21 10:50	1
Xylenes, Total	ND				3.0	0.66	ug/L			05/15/21 10:50	1
Surrogate		MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)		109				77 - 120					
4-Bromofluorobenzene (Surr)		100				73 - 120					
Toluene-d8 (Surr)		99				80 - 120					

Lab Sample ID: LCS 480-581084/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 581084

Analyte	Spike		LCS		LCS		%Rec.		Limits
	Added	Result	Qualifier	Unit	D	%Rec			
1,1-Dichloroethene	25.0	22.7		ug/L		91			66 - 127
Benzene	25.0	23.5		ug/L		94			71 - 124
Chlorobenzene	25.0	23.4		ug/L		94			80 - 120
Toluene	25.0	22.4		ug/L		90			80 - 122
Trichloroethene	25.0	23.7		ug/L		95			74 - 123
Surrogate		LCS	LCS	%Recovery	Qualifier	Limits			
1,2-Dichloroethane-d4 (Surr)		104				77 - 120			
4-Bromofluorobenzene (Surr)		97				73 - 120			
Toluene-d8 (Surr)		101				80 - 120			

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-581513/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 581690

Prep Batch: 581513

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND				0.011	0.0076	ug/L		05/18/21 16:04	05/19/21 16:02	1
1,2-Dibromo-3-Chloropropane	ND				0.011	0.0057	ug/L		05/18/21 16:04	05/19/21 16:02	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: LCS 480-581513/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 581690

Prep Batch: 581513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2-Dibromoethane	0.110	0.0884		ug/L		81	46 - 150
1,2-Dibromo-3-Chloropropane	0.110	0.0877		ug/L		80	43 - 150

QC Association Summary

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

GC/MS VOA

Analysis Batch: 581084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184721-1	U-3	Total/NA	Water	8260C	
480-184721-2	U-5	Total/NA	Water	8260C	
480-184721-3	U-6	Total/NA	Water	8260C	
480-184721-4	C-6	Total/NA	Water	8260C	
480-184721-5	C-12	Total/NA	Water	8260C	
480-184721-6	C-10	Total/NA	Water	8260C	
480-184721-7	C-2	Total/NA	Water	8260C	
480-184721-8	C-9	Total/NA	Water	8260C	
MB 480-581084/7	Method Blank	Total/NA	Water	8260C	
LCS 480-581084/5	Lab Control Sample	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 581513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184721-1	U-3	Total/NA	Water	8011	
480-184721-2	U-5	Total/NA	Water	8011	
480-184721-3	U-6	Total/NA	Water	8011	
480-184721-4	C-6	Total/NA	Water	8011	
480-184721-5	C-12	Total/NA	Water	8011	
480-184721-6	C-10	Total/NA	Water	8011	
480-184721-7	C-2	Total/NA	Water	8011	
480-184721-8	C-9	Total/NA	Water	8011	
MB 480-581513/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-581513/2-A	Lab Control Sample	Total/NA	Water	8011	

Analysis Batch: 581690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184721-1	U-3	Total/NA	Water	8011	581513
480-184721-2	U-5	Total/NA	Water	8011	581513
480-184721-3	U-6	Total/NA	Water	8011	581513
480-184721-4	C-6	Total/NA	Water	8011	581513
480-184721-5	C-12	Total/NA	Water	8011	581513
480-184721-6	C-10	Total/NA	Water	8011	581513
480-184721-7	C-2	Total/NA	Water	8011	581513
480-184721-8	C-9	Total/NA	Water	8011	581513
MB 480-581513/1-A	Method Blank	Total/NA	Water	8011	581513
LCS 480-581513/2-A	Lab Control Sample	Total/NA	Water	8011	581513

Field Service / Mobile Lab

Analysis Batch: 582334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184721-1	U-3	Total/NA	Water	Field Sampling	
480-184721-2	U-5	Total/NA	Water	Field Sampling	
480-184721-3	U-6	Total/NA	Water	Field Sampling	
480-184721-4	C-6	Total/NA	Water	Field Sampling	
480-184721-5	C-12	Total/NA	Water	Field Sampling	
480-184721-6	C-10	Total/NA	Water	Field Sampling	
480-184721-7	C-2	Total/NA	Water	Field Sampling	
480-184721-8	C-9	Total/NA	Water	Field Sampling	

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: U-3

Date Collected: 05/12/21 09:38

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581084	05/15/21 15:50	OMI	TAL BUF
Total/NA	Prep	8011			581513	05/18/21 16:04	DSC	TAL BUF
Total/NA	Analysis	8011		1	581690	05/19/21 18:42	DSC	TAL BUF
Total/NA	Analysis	Field Sampling		1	582334	05/12/21 09:38	FLD	TAL BUF

Client Sample ID: U-5

Date Collected: 05/12/21 10:16

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581084	05/15/21 16:14	OMI	TAL BUF
Total/NA	Prep	8011			581513	05/18/21 16:04	DSC	TAL BUF
Total/NA	Analysis	8011		1	581690	05/19/21 19:02	DSC	TAL BUF
Total/NA	Analysis	Field Sampling		1	582334	05/12/21 10:16	FLD	TAL BUF

Client Sample ID: U-6

Date Collected: 05/12/21 11:26

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581084	05/15/21 16:36	OMI	TAL BUF
Total/NA	Prep	8011			581513	05/18/21 16:04	DSC	TAL BUF
Total/NA	Analysis	8011		1	581690	05/19/21 19:42	DSC	TAL BUF
Total/NA	Analysis	Field Sampling		1	582334	05/12/21 11:26	FLD	TAL BUF

Client Sample ID: C-6

Date Collected: 05/12/21 11:50

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581084	05/15/21 16:59	OMI	TAL BUF
Total/NA	Prep	8011			581513	05/18/21 16:04	DSC	TAL BUF
Total/NA	Analysis	8011		1	581690	05/19/21 20:01	DSC	TAL BUF
Total/NA	Analysis	Field Sampling		1	582334	05/12/21 11:50	FLD	TAL BUF

Client Sample ID: C-12

Date Collected: 05/12/21 12:05

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581084	05/15/21 17:23	OMI	TAL BUF
Total/NA	Prep	8011			581513	05/18/21 16:04	DSC	TAL BUF
Total/NA	Analysis	8011		1	581690	05/19/21 20:21	DSC	TAL BUF
Total/NA	Analysis	Field Sampling		1	582334	05/12/21 12:05	FLD	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Client Sample ID: C-10

Date Collected: 05/12/21 12:15

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581084	05/15/21 17:46	OMI	TAL BUF
Total/NA	Prep	8011			581513	05/18/21 16:04	DSC	TAL BUF
Total/NA	Analysis	8011		1	581690	05/19/21 20:41	DSC	TAL BUF
Total/NA	Analysis	Field Sampling		1	582334	05/12/21 12:15	FLD	TAL BUF

Client Sample ID: C-2

Date Collected: 05/12/21 12:25

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581084	05/15/21 18:09	OMI	TAL BUF
Total/NA	Prep	8011			581513	05/18/21 16:04	DSC	TAL BUF
Total/NA	Analysis	8011		1	581690	05/19/21 21:01	DSC	TAL BUF
Total/NA	Analysis	Field Sampling		1	582334	05/12/21 12:25	FLD	TAL BUF

Client Sample ID: C-9

Date Collected: 05/12/21 12:35

Date Received: 05/14/21 10:00

Lab Sample ID: 480-184721-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581084	05/15/21 18:32	OMI	TAL BUF
Total/NA	Prep	8011			581513	05/18/21 16:04	DSC	TAL BUF
Total/NA	Analysis	8011		1	581690	05/19/21 21:21	DSC	TAL BUF
Total/NA	Analysis	Field Sampling		1	582334	05/12/21 12:35	FLD	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Laboratory: Eurofins TestAmerica, Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-07-21
California	State	2931	04-01-20 *
Connecticut	State	PH-0568	09-30-22
Florida	NELAP	E87672	07-01-21
Georgia	State	10026 (NY)	04-01-21 *
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	04-02-22
Illinois	NELAP	200003	10-01-21
Iowa	State	374	02-28-21 *
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	02-02-22
Kentucky (DW)	State	90029	12-31-20 *
Kentucky (UST)	State	30	04-01-22
Kentucky (WW)	State	KY90029	01-01-22
Louisiana	NELAP	02031	07-01-21
Maine	State	NY00044	12-05-22
Maryland	State	294	04-02-22
Massachusetts	State	M-NY044	06-30-21
Michigan	State	9937	04-01-22
Michigan	State Program	9937	04-01-09 *
Minnesota	NELAP	1524384	01-01-22
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-19-21
New Jersey	NELAP	NY455	06-30-21
New York	NELAP	10026	04-01-22
Oklahoma	State	9421	09-02-21
Oregon	NELAP	NY200003	06-11-21
Pennsylvania	NELAP	68-00281	07-31-21
Rhode Island	State	LAO00328	12-30-20 *
Tennessee	State	02970	03-31-22
Texas	NELAP	T104704412-18-10	08-02-21
USDA	US Federal Programs	P330-18-00039	02-06-21 *
Virginia	NELAP	460185	09-14-21
Washington	State	C784	02-10-22
Wisconsin	State	998310390	09-01-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Buffalo

Method Summary

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8011	EDB and DBCP in Water by Microextraction	EPA	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
8011	Microextraction	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-184721-1	U-3	Water	05/12/21 09:38	05/14/21 10:00	
480-184721-2	U-5	Water	05/12/21 10:16	05/14/21 10:00	
480-184721-3	U-6	Water	05/12/21 11:26	05/14/21 10:00	
480-184721-4	C-6	Water	05/12/21 11:50	05/14/21 10:00	
480-184721-5	C-12	Water	05/12/21 12:05	05/14/21 10:00	
480-184721-6	C-10	Water	05/12/21 12:15	05/14/21 10:00	
480-184721-7	C-2	Water	05/12/21 12:25	05/14/21 10:00	
480-184721-8	C-9	Water	05/12/21 12:35	05/14/21 10:00	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-184721-1

Login Number: 184721

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EAGON	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	N/A		

Quantitation Limit Exceptions Summary

Client: Republic Services Inc

Job ID: 480-184721-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly (resampling)

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Hexachlorobutadiene	Water	Total/NA	ug/L	1.0	2.0

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UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: U-3

Sampling Program: TSCA

Lab # _____

Lab # _____

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Sndng/Fwng Water
Sample Equipment:	<input checked="" type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Baile	<input type="checkbox"/> Other:	

Evacuation:	<u>P. Hanse</u>		
Date:	<u>5/12/21</u>	Personnel Present:	
Start Time:	<u>09:14</u>	Depth to Bottom:	ft.
End Time:	<u>09:36</u>	Depth to Water:	ft.
Purge Rate:	<u>4.33 gpm</u>	Height of Water Column:	ft.
Volume Purged:	<u>500 gal</u>	Casing Volume:	gal.
Purged Dry:	<u>Yes</u>	Level After Purge:	ft.
Casing:	inch/	SS	PVC

Weather Conditions: 55°F / SUNNY / 0-5 SW

Sampling	<u>P. Hanse</u>		
Date:	<u>5/12/21</u>	Personnel Present:	
Time Sampled:	<u>09:34</u>	Depth to Water:	ft.
Sample Appearance:	<u>Coral</u>	Recharge Rate:	gal.
	<u>NO ODORE</u>	Filter #:	Diss O ₂ :
Weather Conditions:	<u>55°F / SUNNY / 0-5 SW</u>		

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.3</u>	<u>7.29</u>	<u>1357</u>	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	3x40	glass vial	HCl; Cool	TOC
--	3x250	amber glass	Cool	PCBs

Signature: J. Schell

Date: 5/12/21

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UNDERDRAIN FIELD LOG

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Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: U-S
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Flwng Water
Sample Equipment:	<input checked="" type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other: _____	

Evacuation:

Date: 5/12/21
 Start Time: 09:48
 End Time: 10:16
 Purge Rate: 7.14 gpm
 Volume Purged: 500 gal
 Purged Dry: Yes
 Casing: inch/ SS PVC

Personnel Present: R.Harrison
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: 55°F / SUNNY / 0-5 SW

Sampling

Date: 5/12/21
 Time Sampled: 10:16
 Sample Appearance: CLEAR
NO BODILY

Personnel Present: R.Harrison
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #:
 Diss O₂: mg/l

Weather Conditions: 55°F / SUNNY / 0-5 SW

Comments: ~ 250 Hz

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.7</u>	<u>7.32</u>	<u>1351</u>	

Container Number	Size ml	Type ml/g	Preservation	Parameters/Comments
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>1x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Signature: J.M.L

Date: 5/12/21

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# 4

Sample Location: 4-6
Sampling Program: TSCA
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Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailei Other: _____

Evacuation:

Date: 5/12/21
Start Time: 10:36
End Time: 11:26
Purge Rate: 4.00 gpm
Volume Purged: 800 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: Ryan Hause
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 55°F / SUNNY / 5-10 SW

Sampling

Date: 5/12/21
Time Sampled: 11:26
Sample Appearance: CLEAR
NO ODOUR

Personnel Present: Ryan Hause
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 55°F / SUNNY / 5-10 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.3</u>	<u>7.44</u>	<u>1295</u>	

Container Number	Size ml	Type pL/gl	Preservation	Parameters/Comments
<u>-</u>	<u>1.5x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>2.5x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCPs</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
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Signature: Ryan HauseDate: 5/12/21

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SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: C-6
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Excavation:

Date: 5/12/21
 Start Time: 11:50
 End Time:
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inches SS PVC

Personnel Present:
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: _____

Sampling

Date: 5/12/21
 Time Sampled: 11:50
 Sample Appearance: clear
no odor

Personnel Present: Ryan Hause
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #: -
 Diss O₂: -

Weather Conditions: SSTP / SUNNY / 5-10 SW

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>11.5</u>	<u>6.88</u>	<u>387.8</u>	<u>57.0</u>

Container Number	Size ml	Type pt/gl	Preservation	Parameters/Comments
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PGPs</u>

Signature: JHCDate: 5/12/21

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SURFACE WATER FIELD LOG

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Page# 5

Sample Location: C-12

Sampling Program: TSCA

Lab #:

Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flyng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 5/12/21
 Start Time: 5:05
 End Time:
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inch / SS - PVC

Personnel Present: Ryan Hanover
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: _____

Sampling

Date: 5/12/21
 Time Sampled: 12:05
 Sample Appearance: clear
No bubbles

Personnel Present: Ryan Hanover
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #:
 Diss O₂:

Weather Conditions: 55°F / sunny / 5-10 SW

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>11.1</u>	<u>8.03</u>	<u>457.0</u>	<u>15.8</u>

Container Number	Size ml	Type p/g	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TQC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: RYAN HANOVER

Date: 5/12/21

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SURFACE WATER FIELD LOG

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Williamsburg, OH 45176
(513) 724-6114

Page# —

Sample Location: C-10
Sampling Program: TSCA

Lab # —Lab # —

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Standing/Rising Water OK
Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: / /
Start Time: :
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inches SS PVC

Personnel Present: _____ ft.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 5/12/21
Time Sampled: 12:15
Sample Appearance: LT. BROWN
NO ODOUR

Personnel Present: Ryan Hauser
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: SCOP / SUNNY / 5-10 SW

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>12.6</u>	<u>8.21</u>	<u>371.3</u>	<u>51.7</u>

Container Number	Size ml	Type, pl/g	Preservation	Parameter/Comments
<u>—</u>	<u>2.5x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>2.7x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: JHDDate: 5/12/21

SURFACE WATER FIELD LOG

CECOS International, Inc.
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(513) 724-6114

Page# _____

Sample Location: C-2
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: / /
Start Time: / /
End Time: / /
Purge Rate: mm
Volume Purged: gal
Purged Dry: Yes/No
Casing: — inch/ — SS — PVC

Personnel Present: _____ ft.
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: _____

Sampling

Date: 5/12/21
Time Sampled: 12:25
Sample Appearance: LP 136-30
NO OODIC

Personnel Present: R. Johnson
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 56°F / SUNNY / S-light

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>66.8</u>	<u>8.43</u>	<u>275.6</u>	<u>44.4</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: J. L. L.

Date: 5/12/21

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SURFACE WATER FIELD LOG

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Page# 6

Sample Location: C-9
Sampling Program: TSCA
Lab #: ..
Lab #: ..

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input type="checkbox"/> Underdrain	<input checked="" type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input checked="" type="checkbox"/> Dipping Bottle Sndng/Fwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: / /
Start Time: 10:30
End Time: 10:35
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: R. KANSER
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: Sunny

Sampling

Date: 5/12/91
Time Sampled: 12:35
Sample Appearance: light brown
No ODPK

Personnel Present: R. KANSER
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂

Weather Conditions: 55°F / SUNNY / 5-10 SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>22.7</u>	<u>8.44</u>	<u>348.9</u>	<u>46.7</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: R. KANSER

Date: 5/12/91